INTEGRATED
PERFORMANCE
CONSULTANTS

April 30th, 2019

Deborah Smith
Executive Officer II
California Regional Water Quality Control Board
Los Angeles Region

Attention: Information Technology Unit

Malibu Civic Center WTP
2019 1st Quarter Monitoring Report

WDR: R4-2015-0051
MRP: CI-10042

OVERVIEW

Malibu Civic Center Wastewater Treatment Plant performed well all quarter.

The injection well piping and control issues were identified and corrective efforts are currently in progress. In the meantime, a temporary injection system was installed at Injection Well 1, and injection began on March 20th. Regular on site percolation, permitted by the Startup Plan, was discontinued as a consequence of Injection Well 1 availability.

SUMMARY OF NON-COMPLIANCE

There were no instances of non-compliance during this reporting period.

INFLUENT & EFFLUENT MONITORING

The results of influent and effluent monitoring are shown in Attachment A.

WASTE HAULING

15,000 gallons of thickened waste activated sludge were hauled off site from the MBT this quarter for biological process control.

GROUNDWATER AND SURFACE WATER MONITORING

The results of groundwater and surface water monitoring are provided in the attached report compiled by Rincon Consultants.

All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program. A copy of the ELAP certificate for Sierra Analytical and copies of the completed chain of custody forms are attached.

I certify under penalty of law that this document, including all attachments and supplemental information, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the 30th day of April, 2019, at Irvine, CA.

Sincerely,



Ric Vardel, IPC Inc.
Chief Plant Operator, License V-4457

Integrated Performance Consultants, Inc.
Contract Operator, LIcense CO-0083

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																	
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Injection	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15							
Limit 3															240	med			45		45																
01/01/2018	Mon	40.0			40.5	0.0	0.0	0.0	40.5	0.08	0.25	0.05	68.3	129.2	7.4	1.79	23.00	1.79	0.049																		
01/02/2018	Tue	50.5			40.6	0.0	0.0	0.0	40.6	0.08	0.12	0.00	69.1	129.2	7.9	1.79	12.40	1.79	0.049																		
01/03/2018	Wed	50.8			40.9	0.0	0.0	0.0	40.9	0.07	0.10	0.00	68.0	129.1	7.4	1.79	1.79	1.79	0.049																		
01/04/2018	Thu	45.8			40.9	0.0	0.0	0.0	40.9	0.07	0.10	0.00	68.1	118.4	7.2	1.79	1.79	1.79	0.049																		
01/05/2018	Fri	50.5			40.9	0.0	0.0	0.0	40.9	0.08	0.09	0.00	68.5	104.0	7.5	1.79	1.79	1.79	0.049																		
01/06/2018	Sat	41.0			40.7	0.0	0.0	0.0	40.7	0.08	0.09	0.00	68.4	142.7	7.4	1.79	1.79	1.79	0.049																		
01/07/2018	Sun	51.4			40.9	0.0	0.0	0.0	40.9	0.09	0.24	0.05	68.2	150.7	7.4	1.79	1.79	1.79	0.049																		
01/08/2018	Mon	42.5	146	407	41.0	0.0	0.0	0.0	41.0	0.07	0.08	0.00	68.1	121.2	7.5	1.79	1.79	1.79	0.049	2.0	99.5	4.0	97.3	5.7	5.7	0.02	0.19	0.69	0.50	6.39	4.9	2.9	620	79	224	0.30	0.19
01/09/2018	Tue	40.2			40.8	0.0	0.0	0.0	40.8	0.07	0.13	0.00	67.8	112.0	7.4	1.79	1.79	1.79	0.049																		
01/10/2018	Wed	12.9			40.9	0.0	0.0	0.0	40.9	0.08	0.09	0.00	67.5	126.1	7.6	1.79	1.79	1.79	0.049																		
01/11/2018	Thu	47.8			41.0	0.0	0.0	0.0	41.0	0.08	0.09	0.00	67.4	122.5	7.5	1.79	1.79	1.79	0.049																		
01/12/2018	Fri	50.8			41.0	0.0	0.0	0.0	41.0	0.08	0.39	0.51	67.0	102.8	7.5	1.79	1.79	1.79	0.049																		
01/13/2018	Sat	41.1			40.9	0.0	0.0	0.0	40.9	0.09	0.11	0.00	67.3	118.6	7.6	1.79	1.79	1.79	0.049																		
01/14/2018	Sun	63.0			41.1	0.0	0.0	0.0	41.1	0.07	0.33	0.10	67.3	114.9	7.6	1.79	1.79	1.79	0.049																		
01/15/2018	Mon	42.6	137	207	40.9	0.0	0.0	0.0	40.9	0.07	0.08	0.00	68.2	117.1	7.6	1.79	1.79	1.79	0.049	1.9	99.1	0.9	99.3	3.4	3.4	0.05	0.12	0.52	0.40	3.94							
01/16/2018	Tue	52.9			40.9	0.0	0.0	0.0	40.9	0.07	0.10	0.00	68.5	130.5	7.4	1.79	1.79	1.79	0.049																		
01/17/2018	Wed	56.1			41.2	0.0	0.0	0.0	41.2	0.06	0.08	0.00	68.4	104.8	7.4	1.79	1.79	1.79	0.049																		
01/18/2018	Thu	43.7			40.9	0.0	0.0	0.0	40.9	0.06	0.08	0.00	68.9	124.7	7.4	1.79	1.79	1.79	0.049																		
01/19/2018	Fri	47.5			41.1	0.0	0.0	0.0	41.1	0.07	0.08	0.00	68.5	129.6	7.5	1.79	1.79	1.79	0.049																		
01/20/2018	Sat	44.5			46.3	0.0	0.0	0.0	46.3	0.07	0.08	0.00	68.2	110.1	7.6	170.00	1.79	1.79	0.049																		
01/21/2018	Sun	47.4	163	462	51.2	0.0	0.0	0.0	51.2	0.07	0.29	0.10	68.0	112.8	7.5	1.79	1.79	1.79	0.049	1.9	99.6	0.9	99.4	4.1	0.1	3.92	0.04	0.86	0.82	4.91							
01/22/2018	Mon	49.4			51.5	0.0	0.0	0.0	51.5	0.07	0.09	0.00	67.9	117.2	7.5	1.79	1.79	1.79	0.049																		
01/23/2018	Tue	69.8			41.0	0.0	0.0	0.0	41.0	0.07	0.08	0.00	67.8	119.2	7.6	1.79	1.79	1.79	0.049																		
01/24/2018	Wed	44.6			41.1	0.0	0.0	0.0	41.1	0.07	0.14	0.00	68.3	121.5	7.4	1.79	1.79	1.79	0.049																		
01/25/2018	Thu	49.4			47.3	0.0	0.0	0.0	47.3	0.08	0.08	0.00	67.9	130.7	7.6	1.79	1.79	1.79	0.049																		
01/26/2018	Fri	49.6			40.9	0.0	0.0	0.0	40.9	0.08	0.09	0.00	67.3	120.7	7.8	1.79	1.79	1.79	0.049																		
01/27/2018	Sat	47.4			40.9	0.0	0.0	0.0	40.9	0.08	0.09	0.00	66.9	115.3	7.6	1.79	1.79	1.79	0.049																		
01/28/2018	Sun	49.3			40.9	0.0	0.0	0.0	40.9	0.08	0.15	0.00	66.9	114.1	7.5	1.79	1.79	1.79	0.049																		
01/29/2018	Mon	47.1	158	560	40.8	0.0	0.0	0.0	40.8	0.08	0.09	0.00	66.6	114.2	7.4	1.79	1.79	1.79	0.049	2.0	99.6	0.9	99.4	2.4	2.4	0.02	0.11	0.82	0.71	3.26							
01/30/2018	Tue	44.8			39.8	0.0	0.0	0.0	39.8	0.07	0.09	0.00	65.4	122.5	7.4	1.79	1.79	1.79	0.049																		
01/31/2018	Wed	59.1			39.4	0.0	0.0	0.0	39.4	0.07	0.10	0.00	64.0	129.7	7.5	1.79	1.79	1.79	0.049																		
TOTAL	1,414			1,259	0.0	0.0	0.0	1,259																													
MAX	69.8	163	560	51.5	0.0	0.0	0.0	51.5	0.09	0.39	0.51	69.1	150.7	7.9	170.00	23.00	1.79	0.049	2.0	99.6	4.0	99.4	5.7	5.7	3.92	0.19	0.86	0.82	6.39	4.9	2.9	620	79	224	0.30	0.19
AVG	47.1	151	409	42.0	0.0	0.0	0.0	42.0	0.07	0.13	0.03	67.8	120.9	7.5	7.40	2.85	1.79	0.049	2.0	99.5	1.7	98.9	3.9	2.9	1.00	0.12	0.72	0.61	4.62	4.9	2.9	620	79	224	0.30	0.19
MIN	12.9	137	207	39.8	0.0	0.0	0.0	39.8	0.06	0.08	0.00	65.4	102.8	7.2	1.8	1.79	1.8	0.049	1.9	99.1	0.9	97.3	2.4	0.1	0.02	0.04	0.52	0.40	3.26	4.9	2.9	620	79	224	0.30	0.19

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Injection	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1				10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40								15						
Limit 3															240	med			45		45															
02/01/2018	Thu	42.2			39.2	0.0	0.0	0.0	39.2	0.08	0.09	0.00	64.3	111.1	7.4	1.79	1.79	1.79	0.049																		
02/02/2018	Fri	74.3			49.7	0.0	0.0	0.0	49.7	0.07	0.14	0.00	65.2	110.6	7.5	1.79	1.79	1.79	0.049																		
02/03/2018	Sat	42.3			51.2	0.0	0.0	0.0	51.2	0.08	0.10	0.00	66.3	135.4	7.5	1.79	1.79	1.79	0.049																		
02/04/2018	Sun	50.9			51.3	0.0	0.0	0.0	51.3	0.08	0.17	0.00	65.7	120.9	7.5	1.79	1.79	1.79	0.049																		
02/05/2018	Mon	57.1	676	648	51.3	0.0	0.0	0.0	51.3	0.08	0.09	0.00	64.8	121.7	7.4	1.79	1.79	1.79	0.049	1.9	99.7	0.9	99.9	2.0	2.0	0.06	0.09	0.47	0.38	2.49	4.9	1.2	732	200	199	0.30	0.02
02/06/2018	Tue	55.2			51.2	0.0	0.0	0.0	51.2	0.08	0.09	0.00	63.8	109.8	1.5	1.79	1.79	1.79	0.049																		
02/07/2018	Wed	51.3			51.2	0.0	0.0	0.0	51.2	0.07	0.08	0.00	63.7	124.7	7.5	1.79	1.79	1.79	0.049																		
02/08/2018	Thu	52.6			51.1	0.0	0.0	0.0	51.1	0.06	0.08	0.00	63.9	120.6	7.5	1.79	1.79	1.79	0.049																		
02/09/2018	Fri	54.4			51.3	0.0	0.0	0.0	51.3	0.06	0.23	0.10	64.0	108.7	7.1	1.79	1.79	1.79	0.049																		
02/10/2018	Sat	50.5			51.2	0.0	0.0	0.0	51.2	0.08	0.10	0.00	64.0	125.6	6.7	1.79	1.79	1.79	0.049																		
02/11/2018	Sun	50.3	352	322	51.2	0.0	0.0	0.0	51.2	0.08	0.09	0.00	63.8	115.7	7.5	1.79	1.79	1.79	0.049	1.9	99.4	0.9	99.7	1.5	1.5	0.02	0.09	0.77	0.68	2.26							
02/12/2018	Mon	54.7			51.2	0.0	0.0	0.0	51.2	0.08	0.47	0.15	63.8	136.4	7.4	1.79	1.79	1.79	0.049																		
02/13/2018	Tue	51.2			51.3	0.0	0.0	0.0	51.3	0.09	0.11	0.00	63.6	113.0	7.5	1.79	1.79	1.79	0.049																		
02/14/2018	Wed	80.3			51.6	0.0	0.0	0.0	51.6	0.08	0.12	0.00	63.6	122.1	7.6	1.79	1.79	1.79	0.049																		
02/15/2018	Thu	61.0			51.3	0.0	0.0	0.0	51.3	0.08	0.10	0.00	63.6	147.7	7.6	1.79	1.79	1.79	0.049																		
02/16/2018	Fri	63.1			51.3	0.0	0.0	0.0	51.3	0.08	0.10	0.00	64.5	118.6	7.5	1.79	1.79	1.79	0.049																		
02/17/2018	Sat	55.9			51.2	0.0	0.0	0.0	51.2	0.08	0.11	0.00	64.7	114.0	7.4	1.79	1.79	1.79	0.049																		
02/18/2018	Sun	57.7			51.2	0.0	0.0	0.0	51.2	0.08	0.11	0.00	64.2	130.9	6.9	1.79	1.79	1.79	0.049																		
02/19/2018	Mon	59.4	1,652	1,013	51.4	0.0	0.0	0.0	51.4	0.09	0.11	0.00	63.9	122.2	7.0	1.79	1.79	1.79	0.049	1.9	99.8	1.0	99.9	1.6	1.6	0.02	0.09	0.66	0.57	2.24							
02/20/2018	Tue	56.0			51.3	0.0	0.0	0.0	51.3	0.09	0.17	0.00	64.1	137.6	7.4	1.79	1.79	1.79	0.049																		
02/21/2018	Wed	55.5			51.3	0.0	0.0	0.0	51.3	0.10	0.11	0.00	63.7	130.8	7.4	1.79	1.79	1.79	0.049																		
02/22/2018	Thu	55.0			51.3	0.0	0.0	0.0	51.3	0.10	0.12	0.00	63.2	129.2	8.2	1.79	1.79	1.79	0.049																		
02/23/2018	Fri	54.9			51.2	0.0	0.0	0.0	51.2	0.10	0.11	0.00	63.2	119.7	7.4	1.79	1.79	1.79	0.049																		
02/24/2018	Sat	50.2			51.3	0.0	0.0	0.0	51.3	0.10	0.12	0.00	63.3	118.8	7.5	1.79	1.79	1.79	0.049																		
02/25/2018	Sun	56.2			51.4	0.0	0.0	0.0	51.4	0.10	0.13	0.00	63.7	125.8	7.8	1.79	1.79	1.79	0.049																		
02/26/2018	Mon	54.0	133	357	51.3	0.0	0.0	0.0	51.3	0.12	0.22	0.05	65.8	139.8	7.1	1.79	1.79	1.79	0.049	1.9	99.5	0.9	99.3	1.4	1.4	0.04	0.11	0.13	0.02	1.57							
02/27/2018	Tue	60.7			51.5	0.0	0.0	0.0	51.5	0.12	0.17	0.00	63.8	145.4	8.3	1.79	1.79	1.79	0.049																		
02/28/2018	Wed	65.1			51.7	0.0	0.0	0.0	51.7	0.12	0.19	0.00	64.7	139.4	7.8	1.79	1.79	1.79	0.049																		
TOTAL	1,572			1,423	0.0	0.0	0.0	1,423																													
MAX	80.3	1,652	1,013	51.7	0.0	0.0	0.0	51.7	0.12	0.47	0.15	66.3	147.7	8.3	1.79	1.79	1.79	0.049	1.9	99.8	1.0	99.9	2.0	2.0	0.06	0.11	0.77	0.68	2.49	4.9	1.2	732	200	199	0.30	0.02
AVG	56.1	703	585	50.8	0.0	0.0	0.0	50.8	0.09	0.14	0.01	64.2	124.9	7.2	1.79	1.79	1.79	0.049	1.9	99.6	0.9	99.7	1.6	1.6	0.03	0.10	0.51	0.41	2.14	4.9	1.2	732	200	199	0.30	0.02
MIN	42.2	133	322	39.2	0.0	0.0	0.0	39.2	0.06	0.08	0.00	63.2	108.7	1.5	1.79	1.79	1.79	0.049	1.9	99.4	0.9	99.3	1.4	1.4	0.02	0.09	0.13	0.02	1.57	4.9	1.2	732	200	199	0.30	0.02

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Injection	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45															
03/01/2018	Thu	50.1			39.8	0.0	0.0	0.0	39.8	0.07	0.09	0.00	65.4	122.5	7.6	1.79	1.79	1.79	0.049																		
03/02/2018	Fri	65.2			39.4	0.0	0.0	0.0	39.4	0.07	0.10	0.00	64.0	129.7	7.6	1.79	1.79	1.79	0.049																		
03/03/2018	Sat	53.1			50.8	0.0	0.0	0.0	50.8	0.10	0.16	0.00	65.7	125.3	7.6	1.79	1.79	1.79	0.049																		
03/04/2018	Sun	60.2	258	549	51.6	0.0	0.0	0.0	51.6	0.10	0.17	0.00	64.5	151.6	7.6	1.79	1.79	1.79	0.049	1.9	99.7	1.0	99.6	0.3	0.2	0.13	0.09	0.33	0.24	0.67						
03/05/2018	Mon	69.8			51.5	0.0	0.0	0.0	51.5	0.10	0.17	0.00	63.8	136.4	7.6	1.79	1.79	1.79	0.049															4.9	0.1	1,084	327	234	0.45	0.19
03/06/2018	Tue	89.3			52.0	0.0	0.0	0.0	52.0	0.10	0.16	0.00	64.4	128.8	7.6	1.79	1.79	1.79	0.049																		
03/07/2018	Wed	77.2			51.5	0.0	0.0	0.0	51.5	0.09	0.14	0.00	60.9	137.0	7.1	1.79	1.79	1.79	0.049																		
03/08/2018	Thu	62.1			51.9	0.0	0.0	0.0	51.9	0.09	0.12	0.00	68.5	147.1	7.6	1.79	1.79	1.79	0.049																		
03/09/2018	Fri	61.9			52.2	0.0	0.0	0.0	52.2	0.10	0.13	0.00	69.2	150.6	7.7	1.79	1.79	1.79	0.049																		
03/10/2018	Sat	56.4			52.2	0.0	0.0	0.0	52.2	0.10	0.14	0.00	68.0	135.1	7.7	1.79	1.79	1.79	0.049																		
03/11/2018	Sun	61.6	167	418	51.9	0.0	0.0	0.0	51.9	0.10	0.21	0.05	67.5	138.1	8.1	1.79	1.79	1.79	0.049	1.9	99.5	0.9	99.5	2.7	2.6	0.06	0.09	0.47	0.38	3.17						
03/12/2018	Mon	55.8			52.0	0.0	0.0	0.0	52.0	0.09	0.13	0.00	67.3	136.6	6.7	1.79	1.79	1.79	0.049																		
03/13/2018	Tue	58.6			52.1	0.0	0.0	0.0	52.1	0.09	0.14	0.00	67.2	133.6	7.7	1.79	1.79	1.79	0.049																		
03/14/2018	Wed	61.3			52.1	0.0	0.0	0.0	52.1	0.10	0.15	0.00	68.2	140.7	7.4	1.79	1.79	1.79	0.049																		
03/15/2018	Thu	61.3			52.3	0.0	0.0	0.0	52.3	0.10	0.16	0.00	66.0	134.6	7.7	1.79	1.79	1.79	0.049																		
03/16/2018	Fri	65.3			51.9	0.0	0.0	0.0	51.9	0.10	0.20	0.05	64.1	134.5	7.5	1.79	1.79	1.79	0.049																		
03/17/2018	Sat	60.9			52.0	0.0	0.0	0.0	52.0	0.10	0.28	0.41	64.7	133.0	7.6	1.79	1.79	1.79	0.049																		
03/18/2018	Sun	58.5	153	445	52.4	0.0	0.0	0.0	52.4	0.10	0.36	0.76	64.3	134.1	7.5	1.79	1.79	1.79	0.049																		
03/19/2018	Mon	56.7			51.9	0.0	0.0	0.0	51.9	0.09	0.31	0.31	64.3	131.5	7.5	1.79	1.79	1.79	0.049																		
03/20/2018	Tue	70.3			41.3	0.0	0.0	41.3	0.0	0.09	0.29	0.56	64.1	134.9	7.5	1.79	1.79	1.79	0.049																		
03/21/2018	Wed	55.2			45.5	0.0	0.0	45.5	0.0	0.09	0.18	0.00	65.1	118.5	6.3	1.79	1.79	1.79	0.049																		
03/22/2018	Thu	59.3	98	377	65.6	0.0	0.0	65.6	0.0	0.09	0.25	0.20	64.4	114.6	7.6	1.79	1.79	1.79	0.049	2.0	99.5	1.0	99.0	1.0	1.0	0.02	0.56	1.32	0.76	2.36						
03/23/2018	Fri	60.3			65.4	0.0	0.0	65.4	0.0	0.09	0.38	0.76	63.2	103.5	7.5	1.79	1.79	1.79	0.049																		
03/24/2018	Sat	58.5			65.6	0.0	0.0	65.6	0.0	0.10	0.48	0.97	62.6	100.4	7.5	1.79	1.79	1.79	0.049																		
03/25/2018	Sun	78.1			65.6	0.0	0.0	65.6	0.0	0.09	0.38	0.25	64.3	96.2	7.5	1.79	1.79	1.79	0.049																		
03/26/2018	Mon	53.7			65.6	0.0	0.0	65.6	0.0	0.08	0.37	0.46	66.1	113.5	7.5	1.79	1.79	1.79	0.049																		
03/27/2018	Tue	53.6			65.7	0.0	0.0	65.7	0.0	0.08	0.35	0.20	65.0	99.8	7.0	1.79	1.79	1.79	0.049																		
03/28/2018	Wed	62.2			65.8	0.0	0.0	65.8	0.0	0.08	0.33	0.41	64.7	127.2	7.7	1.79	1.79	1.79	0.049																		
03/29/2018	Thu	55.4	216	360	65.9	0.0	0.0	65.9	0.0	0.08	0.19	0.00	64.3	94.7	7.5	1.79	1.79	1.79	0.049	2.0	99.4	0.9	99.6	1.3	1.3	0.02	0.09	0.82	0.73	2.13						
03/30/2018	Fri	61.2			66.0	0.0	0.0	66.0	0.0	0.09	0.24	0.15	64.8	103.3	7.4	1.79	1.79	1.79	0.049																		
03/31/2018	Sat	61.4			66.1	0.0	0.0	66.1	0.0	0.09	0.43	0.41	64.4	95.9	7.5	1.79	1.79	1.79	0.049																		
TOTAL	1,853			1,640	0.0	0.0	678	962																												
MAX	89.3	258	549	66.0	0.0	0.0	66.0	52.4	0.10	0.48	0.97	69.2	151.6	8.1	1.79	1.79	1.79	0.049	2.0	99.7	1.0	99.6	2.7	2.6	0.13	0.56	1.32	0.76	3.17	4.9	0.1	1,084	327	234	0.45	0.19
AVG	61.8	178	430	54.7	0.0	0.0	22.6	32.1	0.09	0.23	0.19	65.2	126.2	7.5	1.79	1.79	1.79	0.049	2.0	99.5	1.0	99.4	1.3	1.3	0.06	0.21	0.74	0.53	2.08	4.9	0.1	1,084	327	234	0.45	0.19
MIN	50.1	98	360	39.4	0.0	0.0	0.0	0.0	0.07	0.09	0.00	60.9	94.7	6.3	1.8	1.8	1.8	0.049	1.9	99.4	0.9	99.0	0.3	0.2	0.02	0.09	0.33	0.24	0.67	4.9	0.1	1,084	327	234	0.45	0.19

ATTACHMENT B: QUARTERLY EFF

		>> DATE >>	2/8						
	MCL	Units	Q1	Q2	Q3	Q4	MAX	AVG	MIN
A1 - Inorganic Chemicals									
Aluminum	1	mg/L	0.031				0.031	0.031	0.031
Antimony	0.006	mg/L	0.00009				0.00009	0.00009	0.00009
Arsenic	0.01	mg/L	0.0015				0.0015	0.0015	0.0015
Asbestos	7	MFL	0				0	0	0
Barium	1	mg/L	0.011				0.011	0.011	0.011
Beryllium	0.004	mg/L	0.00019				0.00019	0.00019	0.00019
Cadmium	0.005	mg/L	0.00019				0.00019	0.00019	0.00019
Chromium	0.05	mg/L	0.0054				0.0054	0.0054	0.0054
Cyanide	0.15	mg/L	0.0049				0.0049	0.0049	0.0049
Mercury	0.002	mg/L	0.00019				0.00019	0.00019	0.00019
Nickel	0.1	mg/L	0.0038				0.0038	0.0038	0.0038
Selenium	0.05	mg/L	0.0053				0.0053	0.0053	0.0053
Thallium	0.002	mg/L	0.0009				0.0009	0.0009	0.0009
Perchlorate	0.006	mg/L	0				0	0	0
Fluoride	2	mg/L	0.57				0.57	0.57	0.57
A2 - Radioactivity									
Radium-226 + Radium-228	5	pCi/L	0.726				0.726	0.726	0.726
Gross Alpha Particle Activity[1]	15	pCi/L	1.24				1.24	1.24	1.24
Tritium	20,000	pCi/L	434				434	434	434
Strontium-90	8	pCi/L	0.546				0.546	0.546	0.546
Gross Beta Particle Activity	50	pCi/L	1.04				1.04	1.04	1.04
Uranium	20	pCi/L	0.342				0.342	0.342	0.342
A3 - Volatile Organic Chemicals									
Benzene	0.001	mg/L	0.00049				0.00049	0.00049	0.00049
Carbon Tetrachloride (CTC)	0.0005	mg/L	0.00049				0.00049	0.00049	0.00049
1,2-Dichlorobenzene	0.6	mg/L	0.00049				0.00049	0.00049	0.00049
1.4-Dichlorobenzene	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
1, 1-Dichloroethane	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
1,2-Dichloroethane (1,2-DCA)	0.0005	mg/L	0.00049				0.00049	0.00049	0.00049
1, 1-Dichloroethene (1, 1-DCE)	0.006	mg/L	0.00049				0.00049	0.00049	0.00049
Cis-1,2-Dichloroethylene	0.006	mg/L	0.00049				0.00049	0.00049	0.00049
Trans-1,2-Dichloroethylene	0.01	mg/L	0.00049				0.00049	0.00049	0.00049
Dichloromethane	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
1,2-Dichloropropane	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
1,3-Dichloropropene	0.0005	mg/L	0.00049				0.00049	0.00049	0.00049
Ethylbenzene	0.3	mg/L	0.00049				0.00049	0.00049	0.00049

		>> DATE >>	2/8						
	MCL	Units	Q1	Q2	Q3	Q4	MAX	AVG	MIN
A3 - Non-Volatile Synthetic Organics									
Alachlor	0.002	mg/L	0.00019				0.00019	0.00019	0.00019
Atrazine	0.001	mg/L	0.00019				0.00019	0.00019	0.00019
Bentazon	0.018	mg/L	0.0002				0.0002	0.0002	0.0002
Benzo(a)pyrene	0.0002	mg/L	0.000049				0.000049	0.000049	0.000049
Carbofuran	0.018	mg/L	0.0009				0.0009	0.0009	0.0009
Chlordane	0.0001	mg/L	0.0009				0.0009	0.0009	0.0009
2,4-D	0.07	mg/L	0.00019				0.00019	0.00019	0.00019
Dalapon	0.2	mg/L	0.00019				0.00019	0.00019	0.00019
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	mg/L	0.000009				0.000009	0.000009	0.000009
Di(2-ethylhexyl)adipate	0.4	mg/L	0.0019				0.0019	0.0019	0.0019
Di(2-ethylhexyl)phthalate	0.004	mg/L	0.0019				0.0019	0.0019	0.0019
Dinoseb	0.007	mg/L	0.0019				0.0019	0.0019	0.0019
Diquat	0.02	mg/L	0.00039				0.00039	0.00039	0.00039
Endothall	0.1	mg/L	0.0449				0.0449	0.0449	0.0449
Endrin	0.002	mg/L	0.000009				0.000009	0.000009	0.000009
Ethylene Dibromide (EDB)	0.00005	mg/L	0.000019				0.000019	0.000019	0.000019
Glyphosate	0.7	mg/L	0.0049				0.0049	0.0049	0.0049
Heptachlor	0.00001	mg/L	9.00E-06				9.00E-06	9.00E-06	9.00E-06
Heptachlor Epoxide	0.00001	mg/L	9.00E-06				9.00E-06	9.00E-06	9.00E-06
Hexachlorobenzene	0.001	mg/L	9.00E-06				9.00E-06	9.00E-06	9.00E-06
Hexachlorocyclopentadiene	0.05	mg/L	9.00E-06				9.00E-06	9.00E-06	9.00E-06
lindane	0.0002	mg/L	9.00E-06				9.00E-06	9.00E-06	9.00E-06
Methoxychlor	0.03	mg/L	4.90E-05				4.90E-05	4.90E-05	4.90E-05
Molinate	0.02	mg/L	1.90E-04				1.90E-04	1.90E-04	1.90E-04
Oxamyl	0.05	mg/L	9.00E-04				9.00E-04	9.00E-04	9.00E-04
Pentachlorophenol	0.001	mg/L	1.90E-04				1.90E-04	1.90E-04	1.90E-04
Picloram	0.5	mg/L	1.90E-04				1.90E-04	1.90E-04	1.90E-04
Polychlorinated Biphenyls	0.0005	mg/L	9.00E-05				9.00E-05	9.00E-05	9.00E-05
Simazine	0.004	mg/L	1.90E-04				1.90E-04	1.90E-04	1.90E-04
Thiobencarb	0.07	mg/L	1.90E-04				1.90E-04	1.90E-04	1.90E-04
Toxaphene	0.003	mg/L	9.00E-04				9.00E-04	9.00E-04	9.00E-04
2,3,7,8-TCDD (Dioxin)	3x10-a	mg/L	4.14E-09				4.14E-09	4.14E-09	4.14E-09
2,4,5-TP (Silvex)	0.05	mg/L	1.90E-04				1.90E-04	1.90E-04	1.90E-04
A4 - Disinfection Byproducts									
Total Trihalomethanes (TTHM)	0.08	ppb	0.49				0.49	0.49	0.49
Bromodichloromethane			0.49				0.49	0.49	0.49
Bromoform			0.49				0.49	0.49	0.49

ATTACHMENT B: QUARTERLY EFF

	>> DATE >>		2/8						
	MCL	Units	Q1	Q2	Q3	Q4	MAX	AVG	MIN
Methyl-tert-butyl-ether (MTBE)	0.013	mg/L	0.00049				0.00049	0.00049	0.00049
Monochlorobenzene	0.07	mg/L	0.00049				0.00049	0.00049	0.00049
Styrene	0.1	mg/L	0.00049				0.00049	0.00049	0.00049
1,1,2,2-Tetrachloroethane	0.001	mg/L	0.00049				0.00049	0.00049	0.00049
Tetrachloroethylene (PCE)	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
Toluene	0.15	mg/L	0.00049				0.00049	0.00049	0.00049
1,2,4-Trichlorobenzene	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
1, 1, 1-Trichloroethane	0.2	mg/L	0.00049				0.00049	0.00049	0.00049
1, 1,2-Trichloroethane	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
Trichloroethylene (TCE)	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
Trichlorofluoromethane	0.15	mg/L	0.00049				0.00049	0.00049	0.00049
1, 1,2-Trichloro-1,2,2-Trifluoroethane	1.2	mg/L	0.00049				0.00049	0.00049	0.00049
Vinyl Chloride	0.0005	mg/L	0.00049				0.00049	0.00049	0.00049
Xylene (m,p)	1.75	mg/L	0.00049				0.00049	0.00049	0.00049

Notes:
1) Including Radium-226 but Excluding Radon and Uranium)

	>> DATE >>		2/8						
	MCL	Units	Q1	Q2	Q3	Q4	MAX	AVG	MIN
Chloroform			0.49				0.49	0.49	0.49
Dibromochloromethane			0.49				0.49	0.49	0.49
Haloacetic acid (five) (HAA5)	0.06	ppb	0.49				0.49	0.49	0.49
Monochloroacetic acid		ppb	0.49				0.49	0.49	0.49
Dichloroacetic acid		ppb	0.49				0.49	0.49	0.49
Trichloroacetic acid		ppb	0.49				0.49	0.49	0.49
Monobromoacetic acid		ppb	0.49				0.49	0.49	0.49
Dibromoacetic acid		ppb	0.5				0.5	0.5	0.5
Bromate121	0.01	ppb	38.2				38.2	38.2	38.2
Chlorite131	1	ppb	19.9				19.9	19.9	19.9
A5 - Secondary MCLs									
Aluminum	0.2	mg/L	0.031				0.031	0.031	0.031
Color	150	CU	24.4				24.4	24.4	24.4
Copper	1	mg/L	0.0008				0.0008	0.0008	0.0008
Corrosivity (Langelier Index)	Non		0.24				0.24	0.24	0.24
Foam Agents (MBAS)	0.5	mg/L	0.19				0.19	0.19	0.19
Iron	0.3	mg/L	0.11				0.11	0.11	0.11
Manganese	0.05	mg/L	0.0024				0.0024	0.0024	0.0024
Methyl-tert-butyl-ether (MTBE)	0.005	mg/L	0.00049				0.00049	0.00049	0.00049
Odor - Threshold	3	T.O.N.	0.9				0.9	0.9	0.9
Silver	0.1	mg/L	0.00019				0.00019	0.00019	0.00019
Thiobencarb	0.001	mg/L	0.00019				0.00019	0.00019	0.00019
Zinc	5	mg/L	0.012				0.012	0.012	0.012

ATTACHMENT C: SEWAGE, SLUDGE, AND GREASE HAULING

	DATE	DAY	GAL	LOCATION	DESCRIPTION	REASON FOR HAUL	DESTINATION	HAULER
FIRST QUARTER	02/18/2019	Mon	5,000	MBT	Septic Sewage & Sludge	Biological Process Control	JWPCP	Ely Jr's Pumping
	03/08/2019	Fri	5,000	DIG	Septic Sewage & Sludge	Biological Process Control	JWPCP	Ely Jr's Pumping
	03/20/2019	Wed	5,000	MBT	Septic Sewage & Sludge	Biological Process Control	JWPCP	Ely Jr's Pumping
	QUARTER TOTAL		15,000					

SECOND QUARTER								
	QUARTER TOTAL		0					

ATTACHMENT H: SEWAGE, SLUDGE, AND GREASE HAULING

THIRD QUARTER								
	QUARTER TOTAL		0					

FOURTH QUARTER								
	QUARTER TOTAL		0					

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

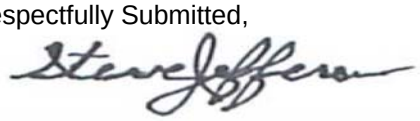
Attention: Ric Vardel
Report Date: 14-Jan-19 23:34
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0026-01) Collected: 02-Jan-19 By IPC						
pH	SM4500-H-B	AA90221	0.1	02-Jan-19 (JC)	7.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90315	0.05	03-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90211	1.8	04-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90211	1.8	04-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0026

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/02/19	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.9/18-3
1	1	(	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (EPC)	01/02/18	
Received by		PCL Cindy Moore	1/2/18	1:09
Relinquished by		PCL	1/2/18	5:30
Received by				
Relinquished by				
Received in lab by		PCL	1.2.18	1730

Sample Received Checklist

Temperature upon receipt: 4
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing, which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or as otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent that Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreements subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard has otherwise. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client shall not disclose to any third party any interpretations or any technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, environmental claims, penalties, causes of action, suits and any and all costs and expenses including, but not limited to, court fees (the "Litigation Expenses") and expert arising in favor of client or any third party as a result of, and/or in any way arising, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, or theft of, or loss of use or property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, liabilities, actions of every kind and character, arising out of or in connection with the negligence or acts or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from clients or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to resell same, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the consideration to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 24 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteriological) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

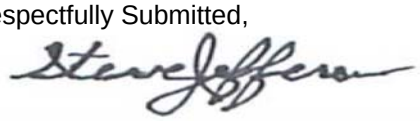
Attention: Ric Vardel
Report Date: 14-Jan-19 23:39
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0075-01) Collected: 03-Jan-19 By CA						
pH	SM4500-H-B	AA90325	0.1	03-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90412	0.05	04-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90314	1.8	05-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90314	1.8	05-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0075

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine	CA 92618	Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/03/19	1045	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PPC)	01/03/18	
Received by	Elo	Alvarez PPC	1/3/19	2:1230
Relinquished by	Elo	Carlos	1/3/19	1400
Received by				
Relinquished by				
Received in lab by		PIL	1.3.19	1400

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Rev 2 Effective 5/1/17

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless in, on and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every type or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the client's negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to lawsuit, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample-disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

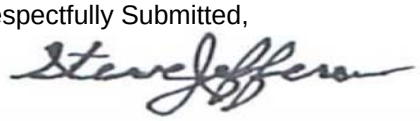
Attention: Ric Vardel
Report Date: 14-Jan-19 23:42
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0094-01) Collected: 04-Jan-19 By CA						
pH	SM4500-H-B	AA90420	0.1	04-Jan-19 (JC)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90422	0.05	04-Jan-19 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90411	1.8	06-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90411	1.8	06-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0094

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C. A	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	01/04/19	1125	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.15 / 19.2°C
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. A	Carlos Alvarez (PCL)	01/04/19	11:22
Received by		Amando Olmos (Pat/Hcm)	1/4/19	11:27
Relinquished by		Amando Olmos (Pat/Hcm)	1/4/19	12:48
Received by				
Relinquished by				
Received in lab by		PCL	1.4.19	1248

Sample Received Checklist

Temperature upon receipt: _____
of bottles agrees with COC? **Yes** **No**
Samples intact? **Yes** **No**
Samples properly preserved? **Yes** **No**
Samples in holding time? **Yes** **No**

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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The client may order service by submitting a written Chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is in the public domain) or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care as it is presenting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information, including technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the obligation Expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL hereunder, this agreement and/or transportation, handling, or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, such damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses (as other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedure.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or client's with a history of payment and/or client account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET EACH within thirty (30) days from date of invoices. To the fullest extent permitted by law or by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate (as limited by law or rule and one half percent (1.5%) per month, or the unpaid balance. If unpaid accounts are collected through legal proceedings by an attorney, the client will pay reasonable costs and attorney's fees, or salary, fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Verbal or telephonic orders for additional services may be verified or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institutions or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less (samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (such as 48 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

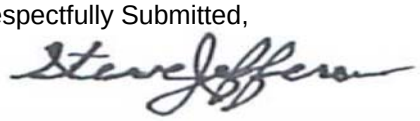
Attention: Ric Vardel
Report Date: 14-Jan-19 23:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0103-01) Collected: 05-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA90520	0.1	05-Jan-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90521	0.05	05-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90517	1.8	08-Jan-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90517	1.8	08-Jan-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0103

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/5	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
GlobalID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	1/5	1005
Received by			
Relinquished by	Jose L Gomez	1-5-19	1005
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	1-5-19	11:56

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or delivered content) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the Client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to all court fees, attorneys' fees, litigation expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or subsequent handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property; and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to "silver, claims and suits, actions of any kind and character, arising out of or in connection with the negligence of or fraudulent conduct by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required but all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all of its applicable law, any amount owed on the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are expended because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. As analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

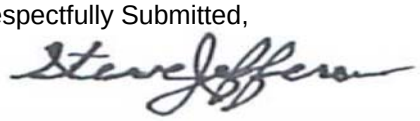
Attention: Ric Vardel
Report Date: 14-Jan-19 23:49
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0107-01) Collected: 06-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA90623	0.1	06-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90624	0.05	06-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90620	1.8	09-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90620	1.8	09-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0107

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	1/6	0940	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	1/6	0940	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	1/6	0945
Received by		Alex Walker Jr	1/6/19	10:00
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	1/6/19	1130

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all invoices rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information. Standard laboratory PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not distribute any third party any information concerning technical information, software program or other formulations.

10. Hold Harmless

Client releases and at its sole, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, attorneys fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, or use of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to liens, claims, damages, actions of every kind and description arising out of or in connection with the negligence of or breach of contract by any unqualified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's authorized price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due at or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (with within thirty (30) days from date of invoices. To the fullest extent permitted by at all be applicable law, any amount subject to invoice or thirty (30) days is subject to interest at the rate of the maximum rate permitted by law of one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred to an legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees as readily been associated with such collection procedure or efforts.

13. Agreement Modification

Changes or modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL client or to client's services hereunder for his own account, and not as agent or broker, or in any other representative capacity to any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting or continuation of any securities, any periodic or other reporting to the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification of contracting with, dates by or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

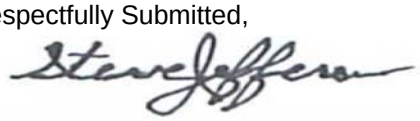
Attention: Ric Vardel
Report Date: 14-Jan-19 23:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0131-01) Collected: 07-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA90934	0.1	07-Jan-19 (SJ)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90820	0.05	08-Jan-19 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90733	1.8	09-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90733	1.8	09-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0131

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: C. Cadena	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/07/19	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Cadena	Carlos Duran (Cal)	01/07/19	
Received by	EC Carlos	M	1/7/19	1145
Relinquished by	EC Carlos	M	1/7/19	1310
Received by				
Relinquished by				
Received in lab by			1-7-19	1310

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

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17. Sample Retention

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

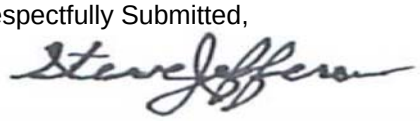
Attention: Ric Vardel
Report Date: 14-Jan-19 23:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0172-01) Collected: 08-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA90934	0.1	08-Jan-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90933	0.05	09-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90821	1.8	10-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90821	1.8	10-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0172

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: Carlos Alvarez	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/08/19	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (GPC)	01/08/19	
Received by	Ele	Carlos (MM)	1/8/19	1200
Relinquished by	Ele	Carlos (MM)	1/8/19	1320
Received by				
Relinquished by				
Received in lab by		PC	1.8.19	1320

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use appropriate methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of PCL's reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other trade secrets.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to attorney fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and / or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or allowed by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or effort.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any benefit or other reporting to the holders of any security, the securing, assumption, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analytes are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal order will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Jan-19 00:11
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0174-01) Collected: 08-Jan-19 By C.A.						
Boron	EPA 200.7	AA90926	0.10	10-Jan-19 (AF)	0.30 mg/l	
MBAS	SM 5540C	AA90931	0.20	09-Jan-19 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AA90927	5	09-Jan-19 (WW)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AA91015	0.15	10-Jan-19 (LA)	2.88 mg/l	
Total Dissolved Solids	SM 2540C	AA90937	5	10-Jan-19 (EA)	620 mg/l	
Chloride	EPA 300.0	AA90939	1.0	10-Jan-19 (AV)	224 mg/l	
Sulfate as SO4	EPA 300.0	AA90939	0.5	10-Jan-19 (AV)	79.2 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/15/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0174

Customer: IPC, Inc.		Project : (MCC) Monthly EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
		Report Attention: C.	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/08/19	1100	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (PCL)	01/08/19	
Received by	Eb	ale PCL	1/8/19	1200
Relinquished by	Eb	ale PCL	1/8/19	1320
Received by				
Relinquished by				
Received in lab by		PCL	1-8-19	1320

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (LEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the safe and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered. It is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any details about confidential technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. I injury, disease or death of persons 2. loss of, damage to, loss of, or misuse of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims (attorneys fees, attorneys of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all Bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not circulated, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, i.e. 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Jan-19 13:20
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0171-01) Collected: 08-Jan-19 By CA						
Ammonia as N	EPA 350.1	AA90928	0.10	09-Jan-19 (SGS)	0.19 mg/l	
Biochemical Oxygen Demand	SM 5210B	AA90929	2	14-Jan-19 (SGS)	2 mg/l	
Nitrate as N	EPA 353.2	AA90935	0.20	09-Jan-19 (LA)	5.68 mg/l	
Nitrite as N	EPA 353.2	AA90935	0.02	09-Jan-19 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AA90936	0.10	10-Jan-19 (LA)	0.69 mg/l	
Total Suspended Solids	SM 2540D	AA90938	1	09-Jan-19 (EA)	4 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0171

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/08/19	1100	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (GRC)	01/08/19	
Received by	EC	Carlos (GRC)	1/8/19	1200
Relinquished by	EC	Carlos (GRC)	1/8/19	1320
Received by				
Relinquished by				
Received in lab by		PCL	1/8/19	1320

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinbelow) under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or substantial completion of services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's purchase order shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LUFT), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (albeit to such information is generally available to the public or in the public domain) or client has failed to pay PCL for all services rendered, or in contravention or breach of the agreement subject to any exception outlined below or to legal process. PCL shall use the same standard of care as it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of data, where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and expenses including, but not limited to, attorneys' fees and costs of suit, (collectively, Expenses) and agrees to assume in favor of PCL to any third party, as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and (1) if applicable, handling or disposal of client's hazardous materials, 1) injury, illness or death of persons2) loss of, damage to, or destruction or use of property and/or 3) financial loss of every kind or character. This indemnity shall apply to any of the foregoing losses, costs, damages, or expenses sustained by the extent negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character, actual or alleged, in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, fees for pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (the collective "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered in accordance with the terms and conditions of billing. The price schedule is subject to change at any time without notice. Payment in advance or in a manner as requested is required for all work unless credit terms (payment after work is performed) has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH without discount from date of invoice. Invoice shall be considered past due if all or any applicable part of any invoice subject to interest at the rate of 1½% per month (18% per annum) or the maximum rate permitted by law, whichever is less, on the unpaid balance. If suit or all fees are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of equity from any court with jurisdiction and collection and/or suit.

13. Agreement Modification

Changes or modifications or amendments to this contract shall be effective only if in writing and executed by an authorized officer of each party. Any oral agreement or any oral subsequent consent to waive terms may be enforced or be in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is acting as an independent contractor and not as agent or broker or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to rely upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the Federal any security, the issuing, amendment, renewal, or extension of any loan, lease, any financial instrument or other similar in the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and shortest deadlines should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 16 days or less, samples must arrive within 96 hours to allow PCL to meet holding time without applying a rush surcharge. All short holding time, 24 hour, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hour or less (nitrate) are hours must be delivered next same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times were effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. The arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. If no specific time has been indicated for a pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

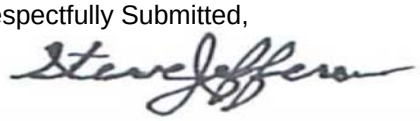
Attention: Ric Vardel
Report Date: 23-Jan-19 13:23
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19A0173-01) Collected: 08-Jan-19 By MM						
Biochemical Oxygen Demand	SM 5210B	AA90929	2	14-Jan-19 (SGS)	407 mg/l	
Total Suspended Solids	SM 2540D	AA90938	1	09-Jan-19 (EA)	146 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0173

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	01/08/19	1130	1	TSS	Grab	AQ	1L P	4°C	
1	1	1	1	BOD	Grab	AQ	1L P	4°C	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (EPC)	01/08/19	
Received by		Carlos	1/8/19	1200
Relinquished by		Carlos	1/8/19	1320
Received by				
Relinquished by				
Received in lab by		PLC	1-8-19	1320

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. Any modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these Terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total Liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and the conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not disclose the data to any third party (hereinafter all such data is collectively referred to as "Confidential Information"). Client agrees that PCL reports are confidential and provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of the reports and information. Client will not disclose to any third party any information concerning testing methodologies, results or findings of PCL.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims (including 3 hours of action, suits and any costs, expenses, penalties and fines incurred in connection therewith (including attorneys' fees) and interest arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, or loss of, or loss of use of property; and/or 3. Financial loss of every kind or character. This indemnity shall not apply to any of the foregoing to the extent damages or liability caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity is not specifically applicable to claims, losses, damages, actions of every kind and character arising out of and in connection with work that negligence of or breach of contract by any indemnified person, whether actively or allegedly, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall have the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of agreement or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Pursuant to statutes or where a credit is extended or has been established or until a history of payment and credit is established with PCL, for those clients with an established client account, the terms for payment of charges are NET EACH within thirty (30) days from date of invoice. To the fullest extent permitted by law, a late charge, any amount unpaid after thirty (30) days is subject to interest at the rate of 1½% per month (18% per annum) and one-half percent (.5%) per month on any unpaid balance, or capped at the rate established through legal proceedings, or by an attorney. The client shall pay reasonable collection costs and attorney's fees or assess client's account with collection fee, procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be placed in accordance.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is assuming sole responsibility for the billing account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on particular information or opinion. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the merging, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 48 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (≤7 days, samples must arrive at the lab within 24 hours before it is unlikely to meet the holding times can be met. Short Holding Times of 48 hours or less (turnaround hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are subject as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. Fee arranged long term storage is subject to an additional charge. Samples will be discarded at the end of storage arrangement unless

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for a site pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Jan-19 00:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0228-01) Collected: 09-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91018	0.1	09-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91017	0.05	10-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA90932	1.8	11-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA90932	1.8	11-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/15/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0228

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: Golan Kfir	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/9/19	12:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	1/9/19	12:05
Received by EG	Evan Gale JCL	1/9/19	1230
Relinquished by EG	Evan Gale JCL	1/9/19	1
Received by			
Relinquished by			
Received in lab by	PIL	1.9.19	1230

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification as or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Jan-19 00:05
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0256-01) Collected: 10-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91111	0.1	10-Jan-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91110	0.05	11-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91016	1.8	12-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91016	1.8	12-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 1/15/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 14A0256

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** Golan Kfir	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/10/19	12:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	1/10/19	12:17
Received by: [illegible]	[illegible] pcl	1/10/19	[illegible] 1230
Relinquished by:			
Received by: [illegible]	[illegible] pcl	1/10/19	1400
Relinquished by:			
Received in lab by:		1.10.19	1400

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes / No
Samples intact?	Yes / No
Samples properly preserved?	Yes / No
Samples in holding time?	Yes / No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data, which shall mean any and all PCL reports and information provided thereto are for the exclusive use and benefit of Client and do not agreed there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information containing technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent, harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, attorneys' fees (the Litigation Expenses) and expert testing, in favor of Client or any third party, as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, misuse of use of property and/or 3. financial loss of every kind and character arising out of or in connection with the negligence or misconduct of any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnification will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from Client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazards as Materials. PCL reserves the right to charge the client for the disposal of mixed samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of open account on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services or materials is requested for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as by applicable law, any amount unpaid within thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client to all payments, costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by others authorized representative, except that subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. PCL is providing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to necessitate, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any persons, or other creditors to the holders of any securities, the renewal, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 24 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (coliforms in bowls) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been refined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be considered an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Jan-19 00:08
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0272-01) Collected: 11-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91218	0.1	11-Jan-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91217	0.05	12-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91108	1.8	13-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91108	1.8	13-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/15/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19AO 272 ~~308~~

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	**Sampled by:** C. Arom	**P.O. #:**	
	Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/11/19	0920	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5 / 15.2 C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Arom	Carlos Arom (PCC)	01/11/19	
Received by		Cory (PCL)	1/11/19	11:13
Relinquished by		PCC	1/11/19	1:22
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Jan-19 13:02
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0308-01) Collected: 12-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91313	0.1	12-Jan-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91424	0.05	12-Jan-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91216	1.8	16-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91216	1.8	16-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1910308

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/12	0945	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric Vardel (IR)	1/12	1000
Received by			
Relinquished by	Jose L Gomez	1-12-19	1025
Received by			
Relinquished by			
Received in lab by	Jordan Corleery	1-12-19	1218

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No separate or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and our proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is given or available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information if such standard was followed. PCL reports and information provided pursuant to this agreement are for the exclusive use and benefit of client and client agrees they shall not be used by third party beneficiary of our reports, data or information. Client will not disclose to any third parties any information pertaining to technical information, software protocols or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (litigation expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring, incident or arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. Loss of, damage to, loss of, or loss of use of property, and/or 3. Financial or moral injury suffered by any third party. This indemnity does not apply to any of the foregoing losses, costs, damages or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, liens, demands, actions of any kind and character arising out of client's connection with the negligence or breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified parties in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples/materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the date the services were rendered or work prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all work unless or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by all applicable law, any amount owed to the extent not paid when due shall bear interest at the rate of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to any other collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by the or authorized representative, stating that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as an agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested, or shall be used to resell such, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client at request. For analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) it is best/must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is on request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Jan-19 13:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0313-01) Collected: 13-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91639	0.1	13-Jan-19 (SJ)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91424	0.05	14-Jan-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91310	1.8	15-Jan-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91310	1.8	15-Jan-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0313

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** Ric VARDEL	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/13	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	4	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	1/13	1015
Received by		Alex Walker Jr	1/13/19	10:43
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	1/13/19	1235

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addition or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent that Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is for public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data which was provided was obtained PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or programs or other formulations.

10. Hold Harmless

Client releases and will save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (during trial and appeal) and costs arising in favor of client, or any third party as a result of, related in any way to arising, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or client's failure, handling, or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. loss of, damage to, use of, or loss of use of property and/or 3. financial loss of every kind of that sort. This indemnity shall apply to any of the foregoing losses, costs, damages or injuries caused solely by PCL's negligence and/or misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligent acts or omissions of persons by any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing provisions will be in addition to any liability which the client might otherwise have to PCL and the other indemnified parties. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be maintained by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnifies persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Substances"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such other agreed upon terms mutually in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, payment for services or charges are NET 30/60 within thirty (30) days from date of invoices. To the fullest extent permitted by or set by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest or payment of the maximum rate permitted by law, or one and one half percent (1.5%) per month, on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, as well as court costs associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to this contract are effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not expected, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are achieved because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (microbiology) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been related on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Jan-19 13:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0345-01) Collected: 14-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91639	0.1	14-Jan-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91634	0.05	15-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91443	1.8	16-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91443	1.8	16-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0345

Customer: L-3 ~~Communications~~ Technologies Ocean Systems

Project :

Address: 15825 Roxford St
Sylmar CA 91342

Sampled by: Daniel Castellanos

Report Attention: Ilya Kazhokin

P.O. #:

Phone #: (818) 833-2109

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
Storm Water Sample	1/14/19	7:50	1	TSS, pH, Conductivity	Grab	AQ	Plastic (1 liter)	4°C	PH 7
	1/14/19	7:50	1	Oil & Grease			Glass (1 liter)	Sulfuric	

Location: EAST PARKING LOT

Signature	Print Name (Company)	Date	Time
Relinquished by	Daniel Castellanos	1/14/19	3:06
Received by	(PCL)	1/14/19	3:06
Relinquished by	(PCL)	1/14/19	4:49
Received by			
Relinquished by			
Received in lab by	PCL	1.14.19	16:40

Sample Received Checklist 4

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water; SO - Soil / Sludge; OT - Other

Bottle Type: P - Plastic; G - Amber Glass; VOA - 40 ml Vial; Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; AI - $AlCl_3$; Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional amendments hereto which we agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and/or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories' (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written (letter of custody (LOC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unwilling/unintentional disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning PCL's testing methodologies, software, programs or other intellectuals.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses to third party claims, demands, actions or causes of action, costs and associated expenses including, but not limited to, all court fees (but not limited to Expenses) and awards arising in favor of client or any third party, as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or client's performance, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. claims of any kind of character. This indemnity does not apply to any of the foregoing where such claims are ultimately caused solely by the gross negligence or willful misconduct of PCL, its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples/materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asp/lab bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in full is due when analysis is completed is required for all new clients or until a history of payment and satisfactory account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30 days unless thirty (30) days from date of invoice. To the fullest extent permitted by law by applicable law, an amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate determined by law, or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client or authorized representative. Verbal or subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL will have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is solely liable to provider for its own payment, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used or relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, Site delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Jan-19 13:13
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0395-01) Collected: 15-Jan-19 By Carlos Alvarez						
pH	SM4500-H-B	AA91639	0.1	15-Jan-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91634	0.05	16-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91526	1.8	17-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91526	1.8	17-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1910395

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C. Ch	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	01/15/19	1310	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.59/17.5°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C. Ch	Carlos Alvarado (SSC)	01/15/19	1403
Received by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	1/15/19	1403
Relinquished by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	1/15/19	1730
Received by:			
Relinquished by:			
Received in lab by: PL		1.15.19	1730

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Jan-19 16:38
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0397-01) Collected: 15-Jan-19 By CA						
Ammonia as N	EPA 350.1	AA91708	0.10	17-Jan-19 (SGS)	0.12 mg/l	
Biochemical Oxygen Demand	SM 5210B	AA91641	2	21-Jan-19 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AA91635	0.20	16-Jan-19 (LA)	3.37 mg/l	
Nitrite as N	EPA 353.2	AA91635	0.02	16-Jan-19 (LA)	0.05 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AA91714	0.20	23-Jan-19 (LA)	0.52 mg/l	
Total Suspended Solids	SM 2540D	AA91630	1	16-Jan-19 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 14A0397

Customer: ~~IPC, Inc.~~		Project: ~~(MCC) Weekly EFF~~	
Address: ~~9297 Research Drive~~ Irvine CA 92618	Sampled by:	P.O. #:	
	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/15/19	1310	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (CAA)	01/15/19	1404
Received by	MARIO SANTIESTEBAN (PCL)	1/15/19	1424
Relinquished by	MARIO SANTIESTEBAN (PCL)	1/15/19	1730
Received by			
Relinquished by			
Received in lab by		1.15.19	1730

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
(Grab)	(AQ) - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

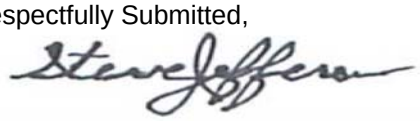
Attention: Ric Vardel
Report Date: 23-Jan-19 13:25
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19A0399-01) Collected: 15-Jan-19 By MM						
Biochemical Oxygen Demand	SM 5210B	AA91641	2	21-Jan-19 (SGS)	207 mg/l	
Total Suspended Solids	SM 2540D	AA91630	1	16-Jan-19 (SGS)	137 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0399

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Mohamad Monghasem	P.O. #:
Irvine CA 92618		Report Attention: ~~Ric Vardel / Golan Kfir~~	Phone #: ~~949-382-9067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	01/15/19	11:30	1	TSS	Grab	AQ	1L P	4°C	
	01/15/19	11:30	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
~~Global ID: WDR100000358~~

Signature	Print Name (Company)	Date	Time
Relinquished by	Mohamad Monghasem	01/15/19	1405
Received by	MARIO SANTIESTEBAN (PCL)	1/15/19	1405
Relinquished by	MARIO SANTIESTEBAN (PCL)	1/15/19	1730
Received by			
Relinquished by			
Received in lab by	PCL	1.15.19	1730

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

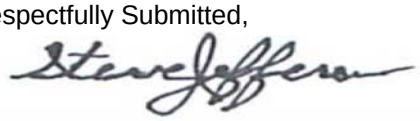
Attention: Ric Vardel
Report Date: 23-Jan-19 13:15
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0438-01) Collected: 16-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91727	0.1	16-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91718	0.05	17-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91632	1.8	18-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91632	1.8	18-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/23/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 14A0438

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** Carlos Alvarez	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	01/16/19	0910	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.38 17.1°C
"	"		1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	01/16/19	
Received by	Jairo. M (PCL)	1/16/19	11:30
Relinquished by			
Received by			
Relinquished by			
Received in lab by		1/16/19	1130

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not conform to the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methods/digest which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such disclosure was otherwise. PCL reports are confidential to client and client agrees that it will be the only party to receive any of such reports, data or information. Client will not disclose to any third party any information concerning technology information, software programs or other proprietary.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and expenses (including, but not limited to, all costs, fees and expenses of experts and attorneys relating to any of them) or any third party, arising in any way out of, directly or indirectly in connection with the performance or omission by PCL pursuant to this agreement and/or the handling, testing or disposal of client's hazardous materials 1. injury, disease or death of persons 2. loss of, damage to, use of, or loss of use of property and/or 3. the pollution of rivers, bays, or tidal flats. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses which solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of any party or person not by any indemnified Person, who are actively engaged in the performance of services which this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits), attorneys' fees, expert witness fees or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples and materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any of microbiological analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operation on the date the services were rendered or, with prices quoted and later confirmed in writing, the price schedule is subject to change at any time without notice. Payment in advance of when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (30) days from date of invoice. In the future except government that all be enforceable (and client consents thereto) in the end of thirty (30) days, subject to interest at the lesser of the maximum rate permitted by law in your and one half percent (1.5%) per month on the unpaid balance. If unpaid accounts are collected through legal action and/or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to any applicable collection procedure or efforts.

13. Agreement Modification

Changes, modifications, amendments or additions to the Terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative. Unless otherwise stated, subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished to PCL. Client's receiving services hereunder for its own account and not as agent or broker, or in any other representative capacity for any other person or entity. You agree and acknowledge that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not provided, or shall be used to resell about, in connection with or as part of, any plan, trade, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged or accepted. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal order will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed on or to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 48 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding Times of 24 hours or less (typically 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are subject as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: _____

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: JULIO LEAL	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01-16-19	10:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	1-16-19	
Received by	Jairo M (P&L)	1-16-19	1:50
Relinquished by			
Received by			
Relinquished by			
Received in lab by	P&L	1.16.19	1150

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addituons or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is free public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client without disclosing any confidential information concerning technical information, software programs or other financial matters.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. The indemnity described apply to any of the foregoing losses, suits, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to actual, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have on PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and / or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined to identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order, the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment of 25% or other amount is required for all new clients or clients with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees on appeal. Each agreement with each collection procedure as effects.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal as to writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab in less 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 25-Jan-19 16:37
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0470-01) Collected: 17-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91727	0.1	17-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91822	0.05	18-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91712	1.8	19-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91712	1.8	19-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 1/25/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0470

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	01/17/19	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.42/14.8°C
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (PCL)	01/19/19	1212
Received by	MARIO SANTIESTEBAN (PCL)	01/19/19	1212
Relinquished by	MARIO SANTIESTEBAN (PCL)	1/17/19	1440
Received by			
Relinquished by			
Received in lab by		1/17/19	1440

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to, attorneys' fees (including expenses and costs) arising in favor of Client or any third party as a result of, arising in any way, claiming, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or 1. transportation, handling or disposal of client's hazardous materials; 2. injury, disease or death of persons; 3. loss of, damage to, loss of use or loss of use of property; and/or 4. breach or loss of warranty (if applicable). This indemnity does not apply to any of the foregoing losses, costs, damages, or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive sample materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services is completed is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established client account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the expiration of thirty (30) days is subject to interest at the lesser of the maximum rate allowable by law or one and one half percent (1.5%) per month on unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees (or agency fees authorized with such collection procedure or statute).

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Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

Client and PCL have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting for its own benefit, and not as agent or broker, or in any other representative capacity for any other person or entity. It is understood and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (excluding 0 to 6 hours) must be delivered that same day/or order to guarantee holding times are met. After-hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

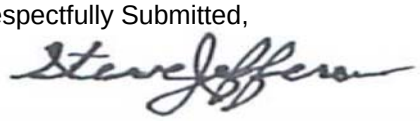
Attention: Ric Vardel
Report Date: 25-Jan-19 16:42
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0537-01) Collected: 18-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91926	0.1	19-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA91925	0.05	19-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91812	1.8	20-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91812	1.8	20-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/25/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0537

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	**Sampled by**	**P.O. #:**	
	Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/18/19	1050	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4/18.3°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	01/18/19	11:29
Received by			1/18/19	11:29
Relinquished by			1/18/19	4:40
Received by				
Relinquished by				
Received in lab by			1/18/19	1640

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or her/their successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of the agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information despite such standard was followed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information regarding technical information, software programs or other proprietary.

10. Hold Harmless

Client releases and at all times indemnifies, defends and holds PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees (for litigation, arbitration and mediation) arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. loss of, damage to, loss of use of or use of property and or 3. financial loss of every kind or character. This indemnity shall not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples and results for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portion of samples as specified by Client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, or in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is required on emails sent/once completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees (for against) fees associated with such collection and recovery efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by authorized PCL and its clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's sampling services hereunder for the sole account, and not as agent or broker, or on any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries of this agreement, and that no third party may rely on any data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to lend credit or assist in with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other holder of the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

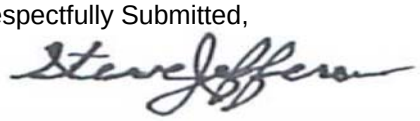
Attention: Ric Vardel
Report Date: 25-Jan-19 16:46
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0542-01) Collected: 19-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91926	0.1	19-Jan-19 (SJ)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92025	0.05	20-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA91924	1.8	21-Jan-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA91924	1.8	21-Jan-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/25/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0542

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	**Sampled by:** Ric Vardel	**P.O. #:**	
	Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/19	0910	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	1/19	0910	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric Vardel (IPC)	1/19	0915
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	1/19/19	1145
Received by				
Relinquished by				
Received in lab by		Jordan Corkern	1/19/19	1325

Sample Received Checklist

Temperature upon receipt: _____
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample(s) or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement subject to any processes required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL's reports, invoices or provided materials are for the exclusive use and benefit of client and client agrees these shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other trade secrets.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and associated expenses (including, but not limited to, attorneys' fees) suffered, incurred and awarded arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with, any performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Except from indemnity shall specifically apply to injury, claim, cost, loss, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person or claims from which this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples/materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for aircraft bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect for the area of operation and the date the services were rendered or work orders issued and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of analysis may be required. Client's request for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment of all charges are NET EACH within thirty (30) days from date of invoice. To the fullest extent permitted by law or by applicable law, any amount unpaid by client after thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to any amounts due and owing, including interest.

13. Agreement Modification

Changes to or additions or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Orders for additional services may be verbal or oral.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is solely responsible for his or her own actions, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on client data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or continuation of any securities, any private or other ownership in the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are extended because of samples that arrive delivered on weekends or after 2pm on weekdays without prior notification and concurrence. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Those holding times of 48 hours or less (2 days to 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

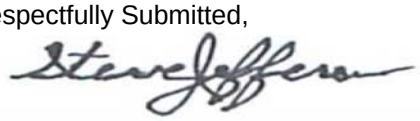
Attention: Ric Vardel
Report Date: 25-Jan-19 16:49
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0546-01) Collected: 20-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA91926	0.1	20-Jan-19 (SJ)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92119	0.05	21-Jan-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92022	1.8	24-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92022	1.8	24-Jan-19 (JC)	170.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/25/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0546

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/20	0920	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		RicVARDEL (IPC)	1/20	0955
Received by		Jordan Corkery	1/20	1340
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	1/20	1435

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

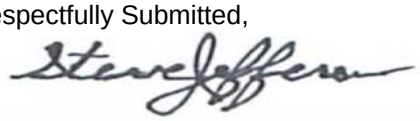
Attention: Ric Vardel
Report Date: 25-Jan-19 16:52
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0595-01) Collected: 21-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA92516	0.1	21-Jan-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92226	0.05	22-Jan-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92128	1.8	23-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92128	1.8	23-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/25/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0595

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C.	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	01/21/19	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5 / 19.0°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C.	Carlos Alvarez (IPC)	01/21/19	1325
Received by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	1/21/19	1325
Relinquished by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	1/21/19	1450
Received by:			
Relinquished by:			
Received in lab by:		1.21.19	1450

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No counter or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially conformed with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary or any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the test pre materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public, or to the extent client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or court process. PCL may use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data, provided such standard was met. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that it shall not distribute any or all reports, data or information Client will not disclose to any third party any information concerning technical information, software, processes or other know-how.

10. Hold Harmless

Client releases, indemnifies, defends and holds PCL, its employees, officers, directors, agents, affiliates harmless (collectively "Harmless") from and against any and all liabilities, judgments, damages, claims, demands, losses, actions, suits, and costs and expenses, including, but not limited to, attorneys' fees (collectively "Liabilities"), and covenants not to sue PCL in favor of Client or any third party as a result of, and/or in any way arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. cost of damage to, or loss of, or loss of use of property, and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL, or its employees. Further, this indemnity shall specifically apply to, without limitation, attorney's fees and costs for any and all claims, losses, actions, suits and damages arising out of client's connection with the negligence or presumed conduct by any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs) incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are listed, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order by PCL. Unless otherwise stated in writing, the price schedule is subject to change at any time without notice. Payment in advance or cash on delivery may be required for all new clients or clients who have not established credit with PCL. For those clients with established credit accounts, the terms of payment are NET 30 days from invoice date unless otherwise noted in invoices. To the fullest extent permitted by law and by applicable law, any unpaid amounts invoiced to client shall bear interest at the rate of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance, if greater as more particularly provided in the invoice. In addition, client shall pay all costs and expenses (including reasonable attorney's fees) incurred by PCL in connection with the collection of such amounts.

13. Agreement Modification

Changes, modifications or amendments to the terms of this agreement are binding only if executed by both parties and if such modifications are identified as such. Subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are neither any third party beneficiaries to this agreement, and that no third party may rely on work, data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or syndication of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 72 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (analysis is 0 hours) must be delivered that same day to allow to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to ensure holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been indicated on the fee schedule. Reasonable time has been provided for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

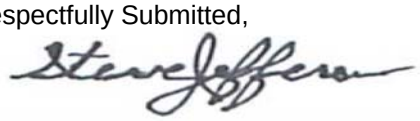
Attention: Ric Vardel
Report Date: 28-Jan-19 16:00
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0596-01) Collected: 21-Jan-19 By CA						
Ammonia as N	EPA 350.1	AA92229	0.10	22-Jan-19 (SGS)	0.13 mg/l	
Biochemical Oxygen Demand	SM 5210B	AA92234	2	27-Jan-19 (VL)	<2 mg/l	
Nitrate as N	EPA 353.2	AA92230	0.10	22-Jan-19 (SGS)	3.92 mg/l	
Nitrite as N	EPA 353.2	AA92230	0.02	22-Jan-19 (SGS)	0.04 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AA92236	0.10	23-Jan-19 (LA)	0.86 mg/l	
Total Suspended Solids	SM 2540D	AA92232	1	22-Jan-19 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/28/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1910596

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive, Irvine CA 92618	**Sampled by:** C.	**P.O. #:**	
	Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/21/19	1130	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C.	Carlos Alvarez (GPC)	01/21/19	1324
Received by:	MARJO SANTIESTEBAN (PCL)	1/21/19	1324
Relinquished by:	MARJO SANTIESTEBAN (PCL)	1/21/19	1450
Received by:			
Relinquished by:			
Received in lab by:		1.21.19	1450

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or the client fails to pay PCL for all services rendered or any service or breach of the agreement) subject to any applicable measure by law or legal process any more than the same standard of care it uses in protecting its own confidential data and shall not divulge to any unauthorized employee of said data except to the extent such disclosure is necessary for the performance of its services. Client agrees that PCL may use any reports issued to client hereunder, provided however that the exclusive property of client and client agrees that PCL shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to attorneys fees (the litigation Expenses) and awards, arising in favor of Client or any third party as a result of, related in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. [theory, discovery or tests of persons 2. Loss of damage to, loss of, or use of property, and/or 3. Financial loss of every kind and character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity is not specifically applicable to losses, claims, damages, or liability of every kind and character arising out of or in connection with the negligence of or breach of a contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnification obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulation (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portion of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of commission of the work the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when service is completed is required for all new clients or with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30DAYS which means 30 days from date of invoice. To the fullest extent permitted by law, PCL shall be entitled to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are referred to collection agency and/or by an attorney, the client shall pay reasonable costs and attorney's fees or expenses from a dispute with no collection proceeding or action.

13. Agreement Modification

No waiver, modification or amendments to the terms shall be effective unless in writing and executed by an officer of PCL and Client or authorized representative. Verbal or subsequent orders for additional services may be initiated in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is assuming services hereunder for its own account and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the publication, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institutions or other lender or the application to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any sampled being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (6 hours or less must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

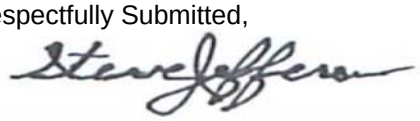
Attention: Ric Vardel
Report Date: 28-Jan-19 16:42
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19A0594-01) Collected: 21-Jan-19 By MM						
Biochemical Oxygen Demand	SM 5210B	AA92234	2	27-Jan-19 (VL)	462 mg/l	
Total Suspended Solids	SM 2540D	AA92232	1	22-Jan-19 (EA)	163 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/28/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19405 94

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Mohamad Monghasem	**P.O. #:**
Irvine CA 92618		**Report Attention:** ~~Ric Vardel / Golan Kfir~~	**Phone #:** ~~949-282-9067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	01,21,19	1125	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Mohamad Monghasem	01,21,19	1325
Received by	MARIO SANTIESTEBAN (PCL)	1/21/19	1325
Relinquished by	MARIO SANTIESTEBAN (PCL)	1/21/19	1450 ~~1458~~
Received by			
Relinquished by			
Received in lab by		1-21-19	1450

Sample Received Checklist

Temperature upon receipt: 4
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity which may request laboratory services consisting in sampling services and by or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only on the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement covering which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or utilization of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has tried to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or by a court. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all suits, claims, losses, damages, costs, demands, causes of action, liabilities and associated expenses (including but not limited to attorneys' fees, litigation expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or in connection herewith, or disposal of client's waste hereunder), 1. injury, disease or death of persons 2. loss of, damage to, loss of use of, or loss of value of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing arising under damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or violation of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by aviation liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or attorney fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any intermediate parties in connection with this agreement or as services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services is completed is required for all new clients or with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are submitted through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL or by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for Client's use of or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or securitization of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is a 6 hours) must be delivered that same day or under to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional cost/fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is on request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

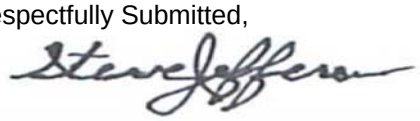
Attention: Ric Vardel
Report Date: 25-Jan-19 16:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0624-01) Collected: 22-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA92516	0.1	22-Jan-19 (SJ)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92338	0.05	23-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92237	1.8	24-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92237	1.8	24-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/25/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0627

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/22/19	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Rivera (GSE)	01/22/19	
Received by	[illegible]	1/22/19	1215
Relinquished by	[illegible]	1/22/19	1315
Received by			
Relinquished by			
Received in lab by		1-22-19	1315

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

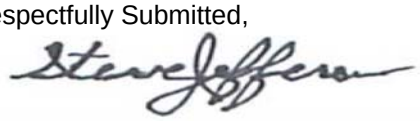
Attention: Ric Vardel
Report Date: 25-Jan-19 16:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0678-01) Collected: 23-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA92516	0.1	23-Jan-19 (SJ)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92419	0.05	24-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92336	1.8	25-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92336	1.8	25-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/25/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0678

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618	**Sampled by:** Carlos Alvarez		**P.O. #:**
	Report Attention: Ric Vardel / Golan Kfir		**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/23/19	1140	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (SPL)	01/23/19	
Received by	[illegible]	1/23/19	1220
Relinquished by	[illegible]	1/23/19	1400
Received by			
Relinquished by			
Received in lab by		1/23/19	14:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes / No
Samples intact?	Yes / No
Samples properly preserved?	Yes / No
Samples in holding time?	Yes / No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and any related expenses, including, but not limited to attorneys' fees (the Litigation Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of Client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity shall not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, causes of action, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as pursuant, the purchase, sale, underwriting, or distribution of any securities, any person, or other recipient (or the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without apply rush surcharge. All short holding times (7 days), samples must arrive at the lab within 72 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (pH, DO's in 15 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for, at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, may be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

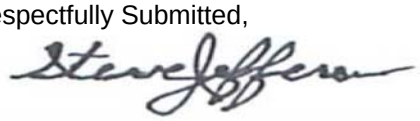
Attention: Ric Vardel
Report Date: 28-Jan-19 15:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0716-01) Collected: 24-Jan-19 By Ric Vardel						
pH	SM4500-H-B	AA92516	0.1	24-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92512	0.05	25-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92418	1.8	26-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92418	1.8	26-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/28/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 14A0716

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C.	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/24/19	10:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C.	Carlos Alvarez (Gde)	01/24/19	
Received by:	Carlos	1/24/19	2:30
Relinquished by:	Carlos	1/24/19	1400
Received by:			
Relinquished by:			
Received in lab by:		1.24.19	1400

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO - Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the raw data materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standards of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other proprietary.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees, fines, Litigation Expenses and awards, arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property, and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character, arising out of or in connection with the negligence and/or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (wastes), now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when service is completed is required unless credit or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law at one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents fees associated with such action, court costs and or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective upon writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It agrees and acknowledged that there are no third party beneficiaries to PCL agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, or periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 36 hours or less, (Ex:Nitrate is 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 28-Jan-19 15:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0744-01) Collected: 25-Jan-19 By Golan Kfir						
pH	SM4500-H-B	AA92620	0.1	25-Jan-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92619	0.05	26-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92511	1.8	27-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92511	1.8	27-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/28/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 144744

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Golan Kfir	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/25/19	11:52	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	11/25/19	11:57
Received by	Jaird M (PLC)	11/25/19	12:20
Relinquished by			
Received by			
Relinquished by			
Received in lab by	PLC	11.25.19	1220

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations	
HC - HCl	
HS - H_2SO_4	
HN - HNO_3	
HP - H_3PO_4	
OH - NaOH	
ST - Sodium Thiosulfate	
AA - Ascorbic Acid	
AI - $AlCl_3$	
Cu - $CuSO_4$	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way resulting in, directly or indirectly arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. injury, disease or death of persons 2. loss of damage to use of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interests, or any other expenses or costs incurred by client or any other party, in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (as all or now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or work orders quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when sample is submitted is required for all new clients or upon establishment of payment and/or credit account has been established with PCL. For those clients with established credit account, the terms for payment of charges are NET EXCEPTION thirty (30) days from date of invoice. To the fullest extent permitted by or all by applicable law, any amount unpaid in thirty and (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or awards that are calculated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and the client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person to apply. It is agreed and acknowledged that these and other duly bargained for to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or issuance of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institutions or other lender or the certification to or client acting with, directly or indirectly, any government agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior authorization and acceptance. Standard holding times and storage conditions are shown on price sheet. Prior to any samples being received by PCL, a list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (analysis is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analytical has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Jan-19 16:02
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0752-01) Collected: 26-Jan-19 By Golan Kfir						
pH	SM4500-H-B	AA93036	0.1	26-Jan-19 (JC)	7.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92722	0.05	27-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92618	1.8	28-Jan-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92618	1.8	28-Jan-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 1/30/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0752

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		**Sampled by:** Golan Kfir	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/26/19	1035	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	1/26/19	10:40
Received by			
Relinquished by Jose L Gomez	Jose L Gomez	1/26/19	10:48
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	1/26/19	12:18

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results delivered by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of said data, unless such disclosure was willful and PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any proprietary processing technique information, software programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (like Litigation Expense) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing to the extent damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to suits, claims, damages, actions of every kind and character arising out of or in connection with the negligence of the breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which coverage shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest)), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or work was started and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment satisfactory to PCL has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (as set forth) thirty (30) days from date of invoices. To the fullest extent permitted by all applicable law, any amount unpaid 30 thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through an attorney-at-law or otherwise, the client shall pay reasonable costs and attorney's fees as against client associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative. Client's that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for Client's use of or reliance on data, interpretations or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent of broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or their syndication or participation with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria is 6 hours) must be delivered that same day. In order to guarantee holding times are met. After hours, site delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Jan-19 16:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0757-01) Collected: 27-Jan-19 By Golan Kfir						
pH	SM4500-H-B	AA93036	0.1	27-Jan-19 (SJ)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92817	0.05	28-Jan-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92721	1.8	29-Jan-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92721	1.8	29-Jan-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 1/30/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0757

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** Golan Kfir	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	1/27/19	10:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	~	~	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan IPC	1/27/19	10:40
Received by	Jordan Corkery	1/27/19	12:90
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	1127/19	13:56

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, liens and associated expenses, including, but not limited to attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazard ous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption). Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services for his or her own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed, but acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to record upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the qualification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Jan-19 16:09
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0764-01) Collected: 28-Jan-19 By Golan Kfir						
pH	SM4500-H-B	AA93036	0.1	28-Jan-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA92923	0.05	29-Jan-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92823	1.8	30-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92823	1.8	30-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/30/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19Ao764

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/28/19	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	01/28/19	
Received by		Jaird M (PCL)	1/28/19	11:34
Relinquished by				
Received by				
Relinquished by				
Received by in lab by				

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
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AI - $AlCl_3$
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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public because a client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such information unless such disclosure was due to PCL's gross negligence or willful misconduct. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that it will not knowingly benefit any third party from such information. Client will not disclose to any third party any information pertaining to the analytical methods, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (plus litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or in connection with handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity shall not apply to any of the foregoing losses, suits, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to, cover, claims, damages, actions of every kind and character, arising out of or in connection with the negligence of or to acts of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have at PCL and the other indemnifying Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, as accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's quote for prices, and/or in effect at the time of quotation, or the time the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or where credit is to be established, a reasonable credit limit will be given. Client agrees that payment shall be made in accordance with PCL's then-current credit application. Client agrees to pay all charges are NET (Cash/within thirty (30) days from date of invoice). To the fullest extent permitted by law, PCL shall be entitled to any amount unpaid or delinquent more than thirty (30) days as subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney fees or agents fees in association with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments of the terms shall be effective only in writing and executed by an officer of PCL and by duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client in securing samples known to be for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not represented, or shall be used to rely upon, in connection with or as part of, the purchase, sale, underwriting, or distribution at any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or complying with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm for overnight without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 48 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (excepting 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

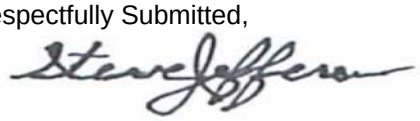
Attention: Ric Vardel
Report Date: 08-Feb-19 18:26
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0794-01) Collected: 29-Jan-19 By CA						
pH	SM4500-H-B	AA93036	0.1	29-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA93033	0.05	30-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA92926	1.8	31-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA92926	1.8	31-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/8/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0794

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C. Alvarez	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/29/19	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.43/21.1°C
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	01/29/19	12:15
Received by	Armando Olmos (Pat-Chem)	1/29/19	12:15
Relinquished by	Armando Olmos (Pat-Chem)	1/29/19	13:35
Received by			
Relinquished by			
Received in lab by		1.29.19	1335

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to attorneys fees (the Litigation Expenses) and costs arising in favor of Client or any third party as a result of, and/or in any way according, incidental to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, sickness or death of persons 2. loss of damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not, in any way, apply to direct, consequential, punitive of every kind and description arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or materials provided and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due upon which invoice is presented. Payment is due upon receipt of invoice unless other terms of payment shall have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30th within thirty (30) days from date of invoices. To the fullest extent permitted by law or by applicable law, any amount unpaid 30 days after invoice is subject to interest at the lesser of maximum rate allowed by law or one and one half percent (1.5%) per month on the unpaid balance. If client account is not collected through legal proceedings or court attorney, the client shall pay reasonable costs and attorney's fees incurred by client with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if agreed in writing and executed by authorized representatives of PCL and client. Unforeseen circumstances, events that occur which PCL could not for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to you upon if requested. For analytes with holding times of 24 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (for which 6 hours must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 08-Feb-19 18:28
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0795-01) Collected: 29-Jan-19 By CA						
Ammonia as N	EPA 350.1	AA93021	0.10	30-Jan-19 (SGS)	0.11 mg/l	
Biochemical Oxygen Demand	SM 5210B	AA93030	2	04-Feb-19 (SGS)	2 mg/l	
Nitrate as N	EPA 353.2	AA93023	0.20	30-Jan-19 (LA)	2.42 mg/l	
Nitrite as N	EPA 353.2	AA93023	0.02	30-Jan-19 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AA93115	0.10	01-Feb-19 (LA)	0.82 mg/l	
Total Suspended Solids	SM 2540D	AA93026	1	31-Jan-19 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/8/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0795

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/29/19	1100	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (Cope)	01/29/19	12:15
Received by		Armando Olivas (Pat-Chem)	01/29/19	12:15
Relinquished by		Armando Olivas (Pat-Chem)	1/29/19	17:35
Received by				
Relinquished by				
Received in lab by			1-29-19	1335

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), LA Waterboard (LELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided to client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has had to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereunder for the exclusive use and benefit of client and cannot be relied upon by third party beneficiaries or such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or quality or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and expenses (and expenses including, but not limited to, court fees, the Litigation Expenses) and events arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. illness, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or nature. This indemnity does not apply to any of the foregoing losses, costs, damages or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, client damages, actions of every kind and claims by, arising out of or in connection with the negligence or on breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent applicable under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples in client's for mixtures such as asbestos, polychlorinated biphenyls, batteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or with credit card is required for all new clients or unless terms of payment and/or credit account have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by or all by applicable law, any amount which is not paid within thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1 1/2) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by one or authorized representative. Unless that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is solely responsible for its own decisions, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed in order for any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive within 48 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 7 days, samples must arrive at the laboratory 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 24 hours or less (benzene & 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

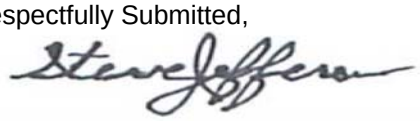
Attention: Ric Vardel
Report Date: 08-Feb-19 18:22
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19A0793-01) Collected: 29-Jan-19 By CA						
Biochemical Oxygen Demand	SM 5210B	AA93030	2	04-Feb-19 (SGS)	560 mg/l	
Total Suspended Solids	SM 2540D	AA93026	1	31-Jan-19 (EA)	158 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/8/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 14A0793

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** C.	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-282-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	01/24/19	1130	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
~~Global ID: WDR100000359~~

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (GPC)	01/24/19	12:15
Received by		Hanib Olmos (Patchem)	1/24/19	12:15
Relinquished by		Armando Olmos (Patchem)	1/24/19	13:35
Received by				
Relinquished by				
Received in lab by		PCL	1.24.19	1335

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client shall not disclose to any third party any information concerning technical information, software programs or other formations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, related sites and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 3. injury, disease or death of persons 4. loss of, damage to, loss of use of, or loss of use of property and/or 5. financial loss of every kind of character. The indemnity obligation applies to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to binary claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise venture to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre-or post judgment interest), or any other expenses or costs incurred by client or any other party in any lawsuit against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (a "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's EH/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all Hazardous analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendment to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is receiving services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used, to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any permits or other reporting to the holders of any securities, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before exploration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria & tannin) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Storage for longer periods is by request only. Pre-arranged long term storage is subject to additional charges. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

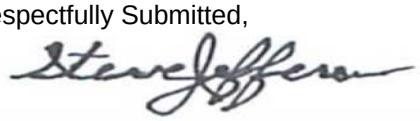
Attention: Ric Vardel
Report Date: 21-Feb-19 17:23
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0836-01) Collected: 30-Jan-19 By CA						
pH	SM4500-H-B	AA93037	0.1	30-Jan-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA93126	0.05	31-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA93022	1.8	01-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA93022	1.8	01-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 142936

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	01/30/19	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.43 / 16.3°C
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Duarte (PCL)	01/30/19	1237
Received by	MARIO SANTIESTEBAN (PCL)	1/30/19	1237
Relinquished by	MARIO SANTIESTEBAN (PCL)	1/30/19	1440
Received by			
Relinquished by			
Received in lab by		1/30/19	1440

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO - Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

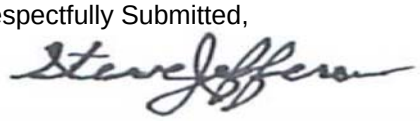
Attention: Ric Vardel
Report Date: 21-Feb-19 17:26
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19A0868-01) Collected: 31-Jan-19 By CA						
pH	SM4500-H-B	AB90823	0.1	31-Jan-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90122	0.05	01-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AA93121	1.8	03-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AA93121	1.8	03-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19A0868

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** C. D.	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	01/31/19	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	01/31/19	1210
Received by	Jairo Mejia Var (PCL)	1/31/19	12:10
Relinquished by	Jairo Mejia Var (PCL)	1/31/19	12:10
Received by			
Relinquished by			
Received in lab by	Alex Walker Jr	1/31/19	1422

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (SLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided to client or at client's request and the results obtained by PCL shall be held in confidence. Unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for any inadvertent disclosure of such data which occurs despite such standard of care. Any reports, data or information provided to client are for the exclusive use and benefit of client and no one else. There shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, owners, affiliated subsidiaries and parent companies, its and assignees and all respective agents harmless against, and reimburse, costs of action, suits and reasonable expenses, including but not limited to all sums (less the Litigation Payment) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or sample testing, handling or disposal of client's hazardous materials. I. injury, disease or death of persons 2. Loss of damage to, loss of, or loss of use of property, and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries directly to the extent negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence alleged breach of contract by any indemnified Person, and/or active or alleged role in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by annual liability insurance coverage to be submitted by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls (PCBs) or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Charges shall be PCL in accordance with PCL's current price schedule in effect for the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payments and credit worthiness has been established with PCL. For those clients to whom established credit accounts, the terms of payment of charges are NET 30 days from date of invoice. To the fullest extent permitted by all applicable laws, account unpaid at the end of thirty (30) days from invoice date shall bear interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay collection costs and attorney's fees in addition to the amount due, including court costs and attorney's fees associated with collection and appeal efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if made in writing and executed by an officer or other authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL assumes no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his/her personal use and not as agent, broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement and client is not relying on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any bank loan, any financial institution or other lender of the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours, before expiration to allow that the holding times can be met. Short Holding Times of 48 hours or less (excepting 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

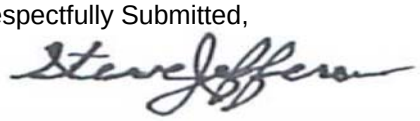
Attention: Ric Vardel
Report Date: 21-Feb-19 17:28
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0029-01) Collected: 01-Feb-19 By CA						
pH	SM4500-H-B	AB90220	0.1	01-Feb-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90219	0.05	02-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90120	1.8	03-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90120	1.8	03-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1980029

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618	**Sampled by:** Golan Kfir		**P.O. #:**
	Report Attention: Ric Vardel / Golan Kfir		**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	2/1/19	11:40	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.35 / 20.2°C
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	2/1/19	11:45
Received by:	Armando Olmos (Patchem)	2/1/19	11:45
Relinquished by:	Armando Olmos (Patchem)	2/1/19	14:30
Received by:			
Relinquished by:			
Received in lab by:	PL	2.1.19	1430

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain) or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees Shall not be a third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning in-house information, software, procedures or other methodology.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs (and expenses, including, but not limited to, attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 2. Injury, illness or death of persons 3. Loss of, damage to, loss of, or loss of use of property and/or 4. Financial loss of every kind, if charged. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and nature arising out of or in connection with the negligence or breach of contract by any intermediate Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary or as per applicable law, client agrees that its or its/their obligation will be supported by available liquids insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest, or any other expenses or costs incurred by client or any other party to any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement in the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials") Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order, the services were rendered or samples tested and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analyses completed is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (XX) within thirty (30) days from invoice dates. To the fullest extent permitted by law or as approved by any amount unpaid by the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If client or its assets are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or eighty (80) percent of such collection proceeds or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms of an agreement shall be in writing and executed by an officer of PCL and by client with proper representation, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client, including entities hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not intended, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or registration of any securities, any periodic or other reporting to the commission, any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 48 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 2-7 days, samples must arrive at the lab within 24 hours. Before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (analysis is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

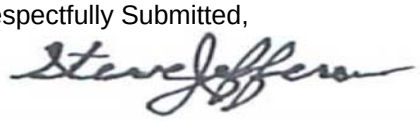
Attention: Ric Vardel
Report Date: 21-Feb-19 17:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0036-01) Collected: 02-Feb-19 By Ric Vardel						
pH	SM4500-H-B	AB90651	0.1	02-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90424	0.05	03-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90221	1.8	04-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90221	1.8	04-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0036

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	Sampled by: Ric VARDEL	P.O. #:	
	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	2/2	1015	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	2/2	1020
Received by			
Relinquished by	Jose L Gomez	2/2/19	1020
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	2/2/19	12:13

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

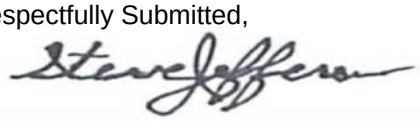
Attention: Ric Vardel
Report Date: 21-Feb-19 17:33
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0042-01) Collected: 03-Feb-19 By Ric Vardel						
pH	SM4500-H-B	AB90651	0.1	03-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90424	0.05	04-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90316	1.8	05-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90316	1.8	05-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0042

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: JULIO LEAL	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02-03-19	09:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	02-03-19	1009
Received by	Alex Walker Jr. JR	2-3-19	1009
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Alex Walker Jr.	2/3/19	1157

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of constituents of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or the public domain (client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data unless such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption). Litigation Expenses, other fees (including, without limitation, attorney's fees, court costs, and cost of post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples, materials for analyses such as asbestos, polychlorinated biphenyls, Radon or any other Hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as directed by client or as PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all services received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time with notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is receiving services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 7pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without assessing a rush surcharge. All short holding times (< 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria 6-8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. PCL can accept long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

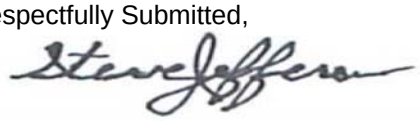
Attention: Ric Vardel
Report Date: 21-Feb-19 17:36
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0070-01) Collected: 04-Feb-19 By Ric Vardel						
pH	SM4500-H-B	AB90814	0.1	04-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90521	0.05	05-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90435	1.8	06-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90435	1.8	06-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0070

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/04/19	1015	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (SRL)	02/04/19	
Received by	EB	Evan	2/4/19	1230
Relinquished by	EB	Evan	2/4/19	1500
Received by				
Relinquished by				
Received in lab by			2.4.19	14:00

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water, SO - Soil / Sludge, OT - Other

Bottle Type: P - Plastic, G - Amber Glass, VOA - 40 ml Vial, Coli - bacteria

Preservations: HC - HCl, HS - H_2SO_4, HN - HNO_3, HP - H_3PO_4, OH - NaOH, ST - Sodium Thiosulfate, AA - Ascorbic Acid, Al - $AlCl_3$, Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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9. Confidentiality

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. Environmental of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by users or any other party in any suit/case against or involving PCL or any indemnified person in connection with this agreement or as otherwise provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples /materials for analysis such as asbestos, polychlorinated biphenyls, lead or any other hazardous or toxic material which are and/or which are defined, determined or considered as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or to PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous substance. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all Bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.50%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own benefit, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the solicitation, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 48 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without assessing a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours unless prior arrangements have been made to ensure that the holding times can be met. Holding times of 48 hours or less (bacteria) will require prior arrangements that same day or next to guarantee holding times are met. After hours, late deliveries, weekend delivery, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least ninety (30) days after analysis has been completed. Sample storage for longer periods is required only if a written long term storage is subject to an additional charge. Samples will be disposed at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees do not exist outside of the San Leandro. Reasonable time has been allocated for each pick up of samples. Unnecessary delays during the pick up or sampling might incur and extend an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

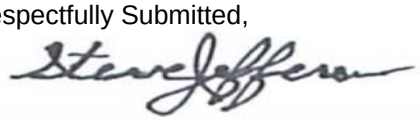
Attention: Ric Vardel
Report Date: 21-Feb-19 17:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0136-01) Collected: 05-Feb-19 By Ric Vardel						
pH	SM4500-H-B	AB90651	0.1	05-Feb-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90650	0.05	06-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90533	1.8	07-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90533	1.8	07-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0136

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/05/19	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (Care)	02/05/19	
Received by	[illegible]	[illegible]	2/5/19	1230
Relinquished by	[illegible]	[illegible]	2/5/19	1530
Received by				
Relinquished by				
Received in lab by			2.5.19	1530

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or licensing services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or restated from time to time by PCL.

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The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client, arising out of or in connection with the services to be provided hereunder, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the conditions which the samples are collected and for providing to and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of all client's initial order and all subsequent orders for additional services, whether placed in writing or verbally. Except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples materials provided by client or at client's request and the results generated by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has cited to pay PCL for all services rendered or notherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Clients will not disclose to any third party the information concerning technical information, soft ware programs or PCL limitations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses resulting, but not limited to court costs, investigation Expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's materials hereunder. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or use of any kind of property and or 3. Violation of law of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities are given in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation shall be supported by available insurance coverage or shall be secured by a bond, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable for special, incidental, punitive, indirect, consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or attorneys fees (including, both out of pocket expenses, attorney's fees, court costs, and the use of such in-house attorneys), or any other expenses or costs incurred by client or any other party or third party arising out of or related to this agreement or its services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services required by client, client and provide and PCL will receive samples (materials for analysis such as solvents, contaminated materials, waste, soils, etc.) any other materials or their materials, wastes and conditions which are defined, determined or classified pursuant to federal, state or other law, rules, PCL policies or regulatory positions now existing or hereafter enacted or promulgated as any particular environmentally deleterious or dangerous substance or "Hazardous Materials". Client and client shall agree that any hazardous materials received by PCL from client or its client's agent shall remain the property of client and that upon completion of PCL's services, PCL will dispose of or return (portions of samples as specified by client or by PCL's SOP/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal or unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab facility, client will be charged a sample disposal fee per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices accepted and confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH (within thirty (30) days from date of invoice). To the fullest extent permitted by law or applicable law, any amount owed at the end of such (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected by court legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or trustee, or on any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the existing, prospective, renewal or extension of any loan from any financial institution or other lender or the verification or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If for any unforeseen reason the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or other days not accessible without prior notification and acceptance. Standard holding times and storage conditions should be followed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 72 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, (7 days), samples must arrive at the lab within 24 hours prior to analysis to ensure that the holding time can be met. Short Holding Times of 48 hours or less (marked as rush) must be received and relinquished that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. The arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been established on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed at additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 22:48
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0135-01) Collected: 05-Feb-19 By C.A.						
Boron	EPA 200.7	AB90637	0.10	07-Feb-19 (AF)	0.30 mg/l	
MBAS	SM 5540C	AB90638	0.20	06-Feb-19 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AB90723	5	07-Feb-19 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AB91346	0.03	13-Feb-19 (LA)	1.20 mg/l	
Total Dissolved Solids	SM 2540C	AB90647	5	07-Feb-19 (EA)	732 mg/l	
Chloride	EPA 300.0	AB90641	1.0	06-Feb-19 (AV)	199 mg/l	
Sulfate as SO4	EPA 300.0	AB90641	0.5	06-Feb-19 (AV)	200 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0135

Customer: IPC, Inc.		**Project :** (MCC) Monthly EFF	
Address: 9297 Research Drive	**Sampled by:** C.A.	**P.O. #:**	
Irvine CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	02/05/19	1145	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.A.	Carlos Alvarez (Carl)	02/05/19	
Received by	EB	Eric Bulo (PCL)	2/5/19	1230
Relinquished by	EB	Eric Bulo (PCL)	2/5/19	1530
Received by				
Relinquished by				
Received in lab by		PL	2-5-19	1530

Sample Received Checklist

Temperature upon receipt: 4
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the Agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence (if or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

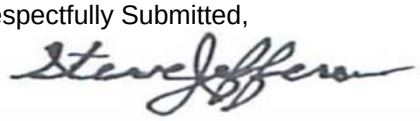
Attention: Ric Vardel
Report Date: 21-Feb-19 22:55
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0134-01) Collected: 05-Feb-19 By CA						
Ammonia as N	EPA 350.1	AB90639	0.10	06-Feb-19 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AB90640	2	11-Feb-19 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AB90644	0.02	06-Feb-19 (LA)	1.96 mg/l	
Nitrite as N	EPA 353.2	AB90644	0.02	06-Feb-19 (LA)	0.06 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AB90722	0.10	08-Feb-19 (LA)	0.47 mg/l	
Total Suspended Solids	SM 2540D	AB90657	1	08-Feb-19 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0134

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/05/19	1145	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez Cafe	02/05/19	
Received by			2/5/19	1230
Relinquished by				
Received by				
Relinquished by				
Received in lab by			2-5-19	1230

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or submittal of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or disposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care as it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information unless such disclosure was caused by PCL's gross negligence or willful misconduct. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of PCL's reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subcontractors and agents harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and expenses whatsoever, including, but not limited to, attorneys' fees, litigation, arbitration and expert witness fees, arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, (1) injury, sickness or death of persons, (2) loss of, damage to, loss of, or loss of use of property and/or (3) financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence (but not gross negligence) of the indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (taxation) Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from clients at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab functional analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of when services is requested is required but all new clients or with a history of payment and/or credit equivalent to unsatisfactory with PCL, PCL may require such as a condition precedent to work. Failure to make payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law in effect and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or expenses that associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms must be effective only in writing and executed by an officer of PCL and by a duly authorized representative of client. Client's acknowledgment letters for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting solely on his own behalf and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party receives or uses data, information, or reports. Client represents, warrants, and agrees that said data, information and reports are not relevant, or shall be used to refer upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the solicitation to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day to ensure guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been indicated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

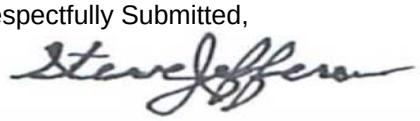
Attention: Ric Vardel
Report Date: 21-Feb-19 23:02
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19B0132-01) Collected: 05-Feb-19 By CA						
Biochemical Oxygen Demand	SM 5210B	AB90726	2	12-Feb-19 (SGS)	648 mg/l	
Total Suspended Solids	SM 2540D	AB90657	1	08-Feb-19 (EA)	676 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0132

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Mohamad Moughaseen	**P.O. #:**
Irvine CA 92618		**Report Attention:** ~~Ric Vardel / Golan Kfir~~	**Phone #:** ~~949-262-9067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
INF	02/05/19	11:50	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI ~~Global ID: WDR100000359~~									

Relinquished by	Print Name (Company)	Date	Time
	Mohamad Moughaseen	02/05/19	
Received by	[illegible]	2/5/19	1230
Relinquished by	[illegible]	2/5/19	1530
Received by			
Relinquished by			
Received in lab by	[illegible]	2/5/19	1530

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
~~Comp~~

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or restated from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or its agents or consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of, compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the "Losses and Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, use of, or loss of use of property and/or 3. Economic loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party or any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples of materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, designated or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after business weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times (without applying a rush surcharge). All short holding times (i.e. 7 days) samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional surcharges and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 17:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0184-01) Collected: 06-Feb-19 By Ric Vardel						
pH	SM4500-H-B	AB90720	0.1	06-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90727	0.05	07-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90649	1.8	08-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90649	1.8	08-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0184

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/06/19	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (IPC)	02/06/19	
Received by	EC	Cmb	2/6/19	1240
Relinquished by	EC	Cmb	2/6/19	1455
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	2/6/19	1518

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4 °C

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Rev 2 Effective 5/1/17

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1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (LLAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of conditions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and our proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or use of any of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which policy shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits or business interruption, Litigation Expenses in other fees including without limitation attorney's fees, court costs, and cost of appeal, judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, benzene or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL otherwise regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees consistent with such collection procedures in effect.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in ordering services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or instrument.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Maximum holding time and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 72 hours, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria & Nitrate) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company deliver or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least sixty (30) days after analysis has been completion. Sample storage for longer periods is by request only, the arranged long term storage is subject to an additional charge. Samples will be disposed at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 17:43
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0251-01) Collected: 07-Feb-19 By Ric Vardel						
pH	SM4500-H-B	AB90814	0.1	07-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90813	0.05	08-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90721	1.8	09-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90721	1.8	09-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0251

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C. D.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/07/19	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C. D.	Carlos Amaya (Grel)	02/07/19	
Received by: EG	Grel per	2/7/19	1230
Relinquished by: EG	Grel per	2-7-19	1540
Received by:			
Relinquished by:			
Received in lab by:	AL	2-7-19	1540

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL's personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring or incident to arising out of, or in connection with the performance of services by PCL hereunder or this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages (including without limitation loss of profit or business interruption, Litigation Expenses or other fees (including without limitation, attorney's fees, court costs, and the cost of in-house counsel) incurred by client or any other party in defending (as allowed by law), enforcing PCL or any indemnified person in connection with this agreement or as arising from under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substance which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client, and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bacterial analysis, client will be charged a sample disposal fee per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without incurring a rush surcharge. On short holding times 2-7 days, samples must arrive at the lab within 24 hours before expenditures ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria) it should must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight forwarding delivery or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be required only if pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be incurred an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 17:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0290-01) Collected: 08-Feb-19 By Ric Vardel						
pH	SM4500-H-B	AB90928	0.1	08-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB90927	0.05	09-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90812	1.8	10-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90812	1.8	10-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 198029 0

Customer: IPC, Inc.

Project : **(MCC) Daily EFF**

Address: 9297 Research Drive
Irvine CA 92618

Sampled by: C. Q.

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/08/19	1045	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
1	1	1							
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Q.	Carlos Alvarez (IPC)	02/08/19	
Received by	Elo	Travis (GPL)	2/8/19	1250
Relinquished by	Elo	Travis (GPL)	2/8/19	1430
Received by				
Relinquished by				
Received in lab by		P/L	2/8/19	1430

Sample Received Checklist 4

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water; SO -Soil / Sludge; OT - Other

Bottle Type: P - Plastic; G - Amber Glass; VOA - 40 ml Vial; Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; Al - $AlCl_3$; Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who/that requests laboratory services, consulting or sampling services and the employees, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or portion hereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the Client under the Terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of work currently in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), its Water Board's (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Any opinions, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client, arising out of or in connection with the services to be provided hereto, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services hereunder notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and around the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services performed and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing, as verbally agreed to, to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has cited to PCL for all services rendered or as otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data unless such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees they shall be no third party beneficiaries of work reports, data or information. Client will not disclose to any third party any information concerning technical information with such privileges or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the obligation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, or loss of use of property and or 3. incurring cost of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall survive to the extent applicable. Client agrees to waive all rights and claims it may have against PCL for any loss, damage, injury, disease or death of persons, property or business caused by the gross negligence or willful misconduct of PCL or its employees. Client agrees to indemnify, defend and hold harmless PCL from any and all claims, suits, losses, costs and expenses, including reasonable attorneys' fees, court costs, and expert witness fees, damages, or any other expenses or costs incurred by client or any other person or organization claiming against PCL or any indemnified parties in connection with this agreement or an analysis provided under this agreement even if caused by the negligence of PCL.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as aqueous, non-hazardous materials, biological specimens or any of the hazardous or toxic materials, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules or regulations or by statutes (whether now existing or hereafter enacted or promulgated) as any pollutant or contaminant or as a source of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous Materials received by PCL from client or on client's behalf shall remain the property of client and that upon completion of PCL's services, PCL will return all or any unused portion of samples as specified by client or to PCL's standard policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the shipment of unused samples to client or to dispose of PCL's current sample disposal policy. In addition, all samples received by PCL for any of chemical analysis client will be charged a sample disposal fee, per sample disposition, or per batch in with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payments in advance of when analysis is completed is required for all new clients or upon a history of payment and/or credit [illegible] been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all and to applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished to PCL. Client is assuming services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the writing, amendment, renewal, or extension of any loan from any financial institution or other lender, or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for exceeding holding times due to inadequate volume of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be followed and/or as any samples as agreed to by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours of collection to PCL to meet holding times recommended by the laboratory. For short holding times, 2-7 days, appointments must be made with the lab within 24 hours prior to collection to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria) will be rush and must be scheduled the same day in order to guarantee holding times are met. After hours, 3pm delivery, or any emergency dispatch of personnel or equipment such fees apply at the discretion of PCL to meet holding times. All holding times are in effect as of the collection date of the lab schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after reports has been completed. Sample storage for longer periods is required only. The arranged long term storage is subject to an additional charge. Samples will be disposed after end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. An estimate time has been allocated for each pick up or service. Misrepresentation during the pick up or sampling (wait) or incorrect are additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
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pat-chem.com

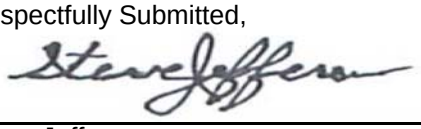
Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Apr-19 11:08
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0291-01) Collected: 08-Feb-19 By CA						
Silver	EPA 200.8	AB91128	0.2	12-Feb-19 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AB91128	5.0	12-Feb-19 (AF)	31 ug/l	
Arsenic	EPA 200.8	AB91128	0.5	12-Feb-19 (AF)	1.5 ug/l	
Barium	EPA 200.8	AB91128	0.5	12-Feb-19 (AF)	11 ug/l	
Beryllium	EPA 200.8	AB91128	0.2	12-Feb-19 (AF)	<0.2 ug/l	
Cadmium	EPA 200.8	AB91128	0.2	12-Feb-19 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AB91128	0.2	12-Feb-19 (AF)	5.4 ug/l	
Copper	EPA 200.8	AB91128	0.2	12-Feb-19 (AF)	0.8 ug/l	
Iron	EPA 200.7	AB91129	0.02	12-Feb-19 (SJ)	0.11 mg/l	
Mercury	EPA 245.1	AB91226	0.20	12-Feb-19 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AB91128	0.5	12-Feb-19 (AF)	2.4 ug/l	
Nickel	EPA 200.8	AB91128	0.5	12-Feb-19 (AF)	3.8 ug/l	
Lead	EPA 200.8	AB91128	0.2	12-Feb-19 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AB91128	1.0	12-Feb-19 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AB91128	2.0	12-Feb-19 (AF)	5.3 ug/l	
Thallium	EPA 200.8	AB91128	1.0	12-Feb-19 (AF)	<1.0 ug/l	
Zinc	EPA 200.8	AB91128	1.0	12-Feb-19 (AF)	12 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AB92126	0.02	20-Mar-19 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AB92126	0.01	20-Mar-19 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AB91342	2.0	28-Mar-19 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AB91342	2.0	28-Mar-19 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AB91342*		*28-Mar-19 (SJ)*	*70.8 % (50-120)*	
Alachlor	EPA 507	AB91341	0.2	09-Mar-19 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AB91341	0.2	09-Mar-19 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AB91341	0.2	09-Mar-19 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AB91341	0.2	09-Mar-19 (SJ)	<0.2 ug/l	
Thiobencarb (Bolero)	EPA 507	AB91341	0.2	09-Mar-19 (SJ)	<0.2 ug/l	
Surrogate: 1,3-Dimethyl-2-nitrobenzei	*EPA 507*	*AB91341*		*09-Mar-19 (SJ)*	*88.2 % (40-120)*	

Respectfully Submitted,



Steve Jefferson 4/13/2019
Laboratory Director

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9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Apr-19 11:08
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0291-01) Collected: 08-Feb-19 By CA						
Chlordane	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Endrin	EPA 508	AB91349	0.01	08-Mar-19 (SJ)	<0.01 ug/l	
Gamma-BHC(Lindane)	EPA 508	AB91349	0.01	08-Mar-19 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AB91349	0.01	08-Mar-19 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AB91349	0.01	08-Mar-19 (SJ)	<0.01 ug/l	
Hexachlorobenzene	EPA 508	AB91349	0.01	08-Mar-19 (SJ)	<0.01 ug/l	
Hexachlorocyclopentadiene	EPA 508	AB91349	0.01	08-Mar-19 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AB91349	0.05	08-Mar-19 (SJ)	<0.05 ug/l	
Toxaphene	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Aroclor 1016	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Aroclor 1221	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Aroclor 1232	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Aroclor 1242	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Aroclor 1248	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Aroclor 1254	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Aroclor 1260	EPA 508	AB91349	0.1	08-Mar-19 (SJ)	<0.1 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AB91349*		*08-Mar-19 (SJ)*	*69.0 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AB91349*		*08-Mar-19 (SJ)*	*79.5 % (50-120)*	
Bentazon	EPA 515.1	AB92532	0.2	26-Mar-19 (SJ)	0.2 ug/l	
2,4-D	EPA 515.1	AB92532	0.2	26-Mar-19 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AB92532	0.2	26-Mar-19 (SJ)	<0.2 ug/l	
Dinoseb	EPA 515.1	AB92532	0.2	26-Mar-19 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AB92532	0.2	26-Mar-19 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AB92532	0.2	26-Mar-19 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AB92532	0.2	26-Mar-19 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AB92532*		*26-Mar-19 (SJ)*	*189 % (60-140)*	
Benzene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	

Respectfully Submitted,

Steve Jefferson 4/13/2019
Laboratory Director

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Attention: Ric Vardel
Report Date: 13-Apr-19 11:08
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0291-01) Collected: 08-Feb-19 By CA						
Carbon tetrachloride	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
c-1,3-Dichloropropene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
cis-1,2-Dicholoroethene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Dibromochloromethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
t-1,3-Dichloropropene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	
o-Xylene	EPA 524.2	AB92826	0.5	22-Feb-19 (SJ)	<0.5 ug/l	

Respectfully Submitted,

Steve Jefferson 4/13/2019
Laboratory Director

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Apr-19 11:08
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0291-01) Collected: 08-Feb-19 By CA						
m,p-Xylene	EPA 524.2	AB92826	1.0	22-Feb-19 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AB92826*		*22-Feb-19 (SJ)*	*120 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AB92826*		*22-Feb-19 (SJ)*	*98.0 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AB92826*		*22-Feb-19 (SJ)*	*96.1 % (80-120)*	
Carbofuran	EPA 632	AB91518	1.0	29-Mar-19 (SJ)	<1.0 ug/l	
Oxamyl	EPA 632	AB91518	1.0	29-Mar-19 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AB92125	0.5	09-Apr-19 (SJ)	<0.5 ug/l	
Bromoacetic Acid	EPA 552.2	AB92125	0.5	09-Apr-19 (SJ)	<0.5 ug/l	
Dichloroacetic Acid	EPA 552.2	AB92125	0.5	09-Apr-19 (SJ)	<0.5 ug/l	
Trichloroacetic Acid	EPA 552.2	AB92125	0.5	09-Apr-19 (SJ)	<0.5 ug/l	
Dibromoacetic Acid	EPA 552.2	AB92125	0.5	09-Apr-19 (SJ)	0.5 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AB92125	0.5	09-Apr-19 (SJ)	<0.5 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AB92125*		*09-Apr-19 (SJ)*	*60.4 % (60-140)*	
Benzo (a) pyrene	EPA 550	AB90431	0.05	20-Feb-19 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AB90431*		*20-Feb-19 (SJ)*	*67.3 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AB91138	0.005	12-Feb-19 (LA)	<0.005 mg/l	
MBAS	SM 5540C	AB91229	0.20	12-Feb-19 (VD)	<0.20 mg/l	
pH	SM4500-H-B	AB90928	0.1	08-Feb-19 (JC)	7.4 pH Units	A-01
Color	SM 2120 C	AB91139	5.0	08-Feb-19 (LA)	24.4 CU	
Odor	SM 2150B	AB91424	1	08-Feb-19 (SJ)	<1 T.O.N.	
Bromate	EPA 300.0	AC90538	5.0	05-Mar-19 (AV)	38.2 ug/l	
Chlorite	EPA 300.0	AC90538	20.0	05-Mar-19 (AV)	<20.0 ug/l	
Fluoride	EPA 300.0	AB91131	0.10	11-Feb-19 (AV)	0.57 mg/l	

Respectfully Submitted,



Steve Jefferson 4/13/2019
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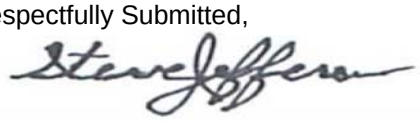
Attention: Ric Vardel
Report Date: 13-Apr-19 11:08
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Project/P.O.#: (MCC) Quarterly

Notes and Definitions

A-01 Langelier Index = -0.24 (Non-Corrosive)

Respectfully Submitted,



Steve Jefferson 4/13/2019
Laboratory Director

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321903810
Customer ID: PTCM42
Customer PO:
Project ID:

Attn: Theresa Trevizo
Pat Chem Laboratories
1824 1st St
San Fernando, CA 91340

Phone: (805) 532-0012
Fax:
Received: 02/12/2019
Analyzed: 02/24/2019

Proj: 19B0291

Test Report: Determination of Asbestos Structures ≥ 0.5 µm & > 10µm in Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS					
						Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)		
19B0291-01 321903810-0001	2/12/2019 02:55 PM	100	1288	0.0645	≥ 0.5 µm	None Detected	ND	0.20	<0.20	0.00 - 0.74
					> 10 µm only	None Detected	ND	0.20	<0.20	0.00 - 0.74

Collection Date/Time: *02/08/2019 10:30*

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)
Sherrie Ahmad (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 02/24/2019 14:29:41

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

NORTH COAST LABORATORIES LTD.

February 26, 2019

Pat-Chem Laboratories
1824 1st St.
San Fernando, CA 93340

Attn: Theresa Trevizo

Order No.: 1902273
Invoice No.: 145041
PO No.:
ELAP No.1247-Expires July 2020

RE: 19B0291

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	19B0291-01
01B	19B0291-01
01C	19B0291-01

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 26-Feb-2019
WorkOrder: 1902273

CASE NARRATIVE

EPA 548:
The endothall recovery for the matrix spike (MS) was below the lower acceptance limit. The recovery was within acceptance limits in the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) indicating the analytical batch was in control.

EPA 549.2:
Diquat strongly adsorbs to soil particles that are suspended in water. The strong chemical bonds make the herbicide chemically inactive. When bound with soil particles, the extraction procedure for method EPA 549.2 is ineffective at isolating the bound diquat. Any reported diquat represents the dissolved analyte in the water that has not been bound to the soil particles.

Date: 26-Feb-2019
WorkOrder: 1902273

ANALYTICAL REPORT

Client Sample ID: 19B0291-01
Lab ID: 1902273-01A

Received: 2/13/2019
Collected: 2/8/2019 10:30

Test Name: Glyphosate **Reference:** EPA 547

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Glyphosate	ND		5.0	µg/L	1.0	2/18/2019	2/18/2019

Client Sample ID: 19B0291-01
Lab ID: 1902273-01B

Received: 2/13/2019
Collected: 2/8/2019 10:30

Test Name: EPA 549.2 **Reference:** EPA 549.2

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Diquat (dissolved)	ND		0.40	µg/L	1.0	2/14/2019	2/18/2019

Client Sample ID: 19B0291-01
Lab ID: 1902273-01C

Received: 2/13/2019
Collected: 2/8/2019 10:30

Test Name: Endothall **Reference:** EPA 548.1

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Endothall	ND		45	µg/L	1.0	2/15/2019	2/19/2019
Surrogate: 2,3-D	91.4		78-117	% Rec	1.0	2/15/2019	2/19/2019

North Coast Laboratories, Ltd.

Date: 2/26/2019

CLIENT: Pat-Chem Laboratories
Work Order: 1902273
Project: 19B0291

QC SUMMARY REPORT
Method Blank

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID MB-021819 Batch ID: **R98435** Test Code: **547W** Units: **µg/L** Analysis Date **2/18/2019 3:28:57 PM** Prep Date **2/18/2019**											
Client ID: Run ID: **ORLC9_190218A** SeqNo: **1399709**											
Glyphosate	ND	5.0									
Sample ID MB-37051 Batch ID: **37051** Test Code: **548W** Units: **µg/L** Analysis Date **2/19/2019 4:03:03 AM** Prep Date **2/15/2019**											
Client ID: Run ID: **ORGC14_190218B** SeqNo: **1399923**											
Endothall	ND	45									
Surrogate: 2,3-D	253	0.10	250	0	101%	78	117	0			
Sample ID MB-37047 Batch ID: **37047** Test Code: **549W** Units: **µg/L** Analysis Date **2/18/2019 6:06:14 PM** Prep Date **2/14/2019**											
Client ID: Run ID: **ORLC8_190218A** SeqNo: **1399776**											
Diquat (dissolved)	ND	0.40									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 2/26/2019

CLIENT: Pat-Chem Laboratories
Work Order: 1902273
Project: 19B0291

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **1902273-01CMS** Batch ID: **37051** Test Code: **548W** Units: **µg/L** Analysis Date **2/19/2019 5:04:46 AM** Prep Date **2/15/2019**
Client ID: **19B0291-01** Run ID: **ORGC14_190218B** SeqNo: **1399926**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	44.65	45	225	0	19.8%	61	114	0			JS
Surrogate: 2,3-D	268	0.10	250	0	107%	78	117	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 2/26/2019

CLIENT: Pat-Chem Laboratories
Work Order: 1902273
Project: 19B0291

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-021819** Batch ID: **R98435** Test Code: **547W** Units: **µg/L** Analysis Date **2/18/2019 3:50:42 PM** Prep Date **2/18/2019**
Client ID: Run ID: **ORLC9_190218A** SeqNo: **1399710**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	50.35	5.0	50.0	0	101%	80	118	0			

Sample ID **LCSD-021819** Batch ID: **R98435** Test Code: **547W** Units: **µg/L** Analysis Date **2/18/2019 4:12:26 PM** Prep Date **2/18/2019**
Client ID: Run ID: **ORLC9_190218A** SeqNo: **1399711**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	50.86	5.0	50.0	0	102%	80	118	50.4	1.02%	30	

Sample ID **LCS-37051** Batch ID: **37051** Test Code: **548W** Units: **µg/L** Analysis Date **2/19/2019 4:23:44 AM** Prep Date **2/15/2019**
Client ID: Run ID: **ORGC14_190218B** SeqNo: **1399924**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	216.8	45	225	0	96.4%	61	114	0			
Surrogate: 2,3-D	243	0.10	250	0	97.3%	78	117	0			

Sample ID **LCSD-37051** Batch ID: **37051** Test Code: **548W** Units: **µg/L** Analysis Date **2/19/2019 4:44:25 AM** Prep Date **2/15/2019**
Client ID: Run ID: **ORGC14_190218B** SeqNo: **1399925**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	223.8	45	225	0	99.5%	61	114	217	3.16%	30	
Surrogate: 2,3-D	261	0.10	250	0	104%	78	117	243	7.00%	30	

Sample ID **LCS-37047** Batch ID: **37047** Test Code: **549W** Units: **µg/L** Analysis Date **2/18/2019 6:27:41 PM** Prep Date **2/14/2019**
Client ID: Run ID: **ORLC8_190218A** SeqNo: **1399777**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.729	0.40	2.00	0	86.4%	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pat-Chem Laboratories
Work Order: 1902273
Project: 19B0291

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-37047** Batch ID: **37047** Test Code: **549W** Units: **µg/L** Analysis Date **2/18/2019 6:49:07 PM** Prep Date **2/14/2019**
Client ID: Run ID: **ORLC8_190218A** SeqNo: **1399778**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.840	0.40	2.00	0	92.0%	70	130	1.73	6.22%	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

March 19, 2019

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1901915
Customer : 2-12670

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(3 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
19B0291-01	02/08/2019	02/12/2019	SP 1901915-001	WW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Radio QC

900.0	03/18/2019:203774 All analysis quality controls are within established criteria.
	03/13/2019:202740 All preparation quality controls are within established criteria, except: The following note applies to Gross Beta, Gross Alpha: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
903.0	03/05/2019:202946 All analysis quality controls are within established criteria.
	02/20/2019:201939 All preparation quality controls are within established criteria.
905.0	02/28/2019:203046 All analysis quality controls are within established criteria.

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March 19, 2019 Lab ID : SP 1901915
Pat-Chem Laboratories Customer : 2-12670

Radio QC

905.0	02/23/2019:201941 All preparation quality controls are within established criteria.
906.0	03/07/2019:203849 All analysis quality controls are within established criteria.
	03/01/2019:202323 All preparation quality controls are within established criteria.
908.0	03/08/2019:203472 All analysis quality controls are within established criteria.
	03/07/2019:202511 All preparation quality controls are within established criteria, except: The following note applies to :
Ra - 05	03/04/2019:203206 All analysis quality controls are within established criteria.
	02/26/2019:201943 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

314.0	02/12/2019:202142 All analysis quality controls are within established criteria.
	02/12/2019:201646 All preparation quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2019-03-19

March 19, 2019

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : 19B0291-01
Project : 19B0291

Lab ID : SP 1901915-001
Customer ID : 2-12670

Sampled On : February 8, 2019-10:30
Sampled By : Not Available
Received On : February 12, 2019-09:49
Matrix : Waste Water

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry								
Perchlorate	ND	2	ug/L		314.0	02/12/19:201646	314.0	02/12/19:202142

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

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March 19, 2019

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : 19B0291-01
Project : 19B0291

Lab ID : SP 1901915-001
Customer ID : 2-12670

Sampled On : February 8, 2019-10:30
Sampled By : Not Available
Received On : February 12, 2019-09:49
Matrix : Waste Water

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Radio Chemistry								
Gross Alpha	5.03 ± 1.49	1.24	pCi/L		900.0	03/13/19-11:03 2P1902740	900.0	03/18/19-09:07 2A1903774
Gross Beta	20.7 ± 1.68	1.04	pCi/L		900.0	03/13/19-11:03 2P1902740	900.0	03/18/19-09:07 2A1903774
Strontium 90	0.089 ± 0.262	0.546	pCi/L		905.0	02/23/19-16:00 2P1901941	905.0	02/28/19-18:20 2A1903046
Total Alpha Radium (226)	0.116 ± 0.097	0.342	pCi/L		903.0	02/20/19-18:00 2P1901939	903.0	03/05/19-14:25 2A1902946
Tritium	0.000 ± 272	434	pCi/L		906.0	03/01/19-13:45 2P1902323	906.0	03/07/19-07:08 2A1903849
Uranium	0.516 ± 0.535	0.342	pCi/L		908.0	03/07/19-11:00 2P1902511	908.0	03/08/19-18:38 2A1903472
Ra 228	0.000 ± 0.718	0.384	pCi/L		Ra - 05	02/26/19-18:00 2P1901943	Ra - 05	03/04/19-19:20 2A1903206

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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March 19, 2019 Lab ID : SP 1901915
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Perchlorate	314.0	02/12/19:201646MCA	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	99.2 %	85-115	
			MS	ug/L	25.00	86.1 %	80-120	
		(SP 1901792-001)	MSD	ug/L	25.00	84.5 %	80-120	
			MSRPD	ug/L	25.00	1.9%	≤15	
	314.0	02/12/19:202142MCA	CCB	ppb		0.00	2.0	
			CCV	ppb	20.00	110 %	85-115	
			CCB	ppb		0.00	2.0	
			CCV	ppb	10.00	107 %	85-115	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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March 19, 2019 Lab ID : SP 1901915
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	03/18/19:203774KD	CCV	cpm	7940	43.3 %	35-47	
			CCB	cpm		0.0800	0.18	
Beta	900.0	03/18/19:203774KD	CCV	cpm	7940	93.8 %	83-94	
			CCB	cpm		0.2800	0.48	
Gross Alpha	900.0	03/13/19:202740iwc	Blank	pCi/L		0.31	3	
			LCS	pCi/L	130.0	93.7 %	75-125	
			MS	pCi/L	130.0	122 %	60-140	
		(SP 1902693-001)	MSD	pCi/L	130.0	46.9 %	60-140	435
			MSRPD	pCi/L	130.0	85.6%	≤30	435
Gross Beta	900.0	03/13/19:202740iwc	Blank	pCi/L		-0.34	4	
			LCS	pCi/L	69.15	138 %	84-160	
			MS	pCi/L	69.15	79.0 %	80-130	435
		(SP 1902693-001)	MSD	pCi/L	69.15	77.3 %	80-130	435
			MSRPD	pCi/L	130.0	2.1%	≤30	
Alpha	903.0	03/05/19:202946JCA	CCV	cpm	8311	39.9 %	37-46	
			CCB	cpm		0.0800	0.12	
Total Alpha Radium (226)	903.0	02/20/19:201939EMV	RgBlk	pCi/L		-0.002	2	
			LCS	pCi/L	21.78	103 %	52-107	
			BS	pCi/L	10.89	67.1 %	43-111	
			BSD	pCi/L	10.89	49.9 %	43-111	
			BSRPD	pCi/L	10.89	1.9	≤2	
Beta	905.0	02/28/19:203046emv	CCV	cpm	8311	86.7 %	85-93	
			CCB	cpm		0.4600	0.58	
Total Strontium	905.0	02/23/19:201941emv	RgBlk	pCi/L		0.24	2	
			LRS	pCi/L	17.60	117 %	53-133	
			BS	pCi/L	17.59	114 %	75-125	
			BSD	pCi/L	17.59	104 %	75-125	
			BSRPD	pCi/L	17.59	8.3%	≤20	
Tritium	906.0	03/01/19:202323aat	Blank	pCi/L		-60	<300	
			LCS	pCi/L	1671	101 %	75-125	
			BS	pCi/L	1671	105 %	75-125	
			BSD	pCi/L	1671	113 %	75-125	
			BSRPD	pCi/L	1671	7.9%	≤25	
	906.0	03/07/19:203849JCA	CCV	pCi/L	26210	104 %	90-110	
			CCB	pCi/L		346	500	
Alpha	908.0	03/08/19:203472JCA	CCV	cpm	8305	40.4 %	36-45	
			CCB	cpm		0.0600	0.12	
Uranium	908.0	03/07/19:202511JCA	RgBlk	pCi/L		-0.01	1	
			LRS	pCi/L	26.84	66.5 %	54-105	
			BS	pCi/L	26.84	139 %	75-125	436
			BSD	pCi/L	26.84	135 %	75-125	436
			BSRPD	pCi/L	26.84	2.5%	≤20	
Beta	Ra - 05	03/04/19:203206emv	CCV	cpm	8306	89.5 %	84-94	
			CCB	cpm		0.2400	0.51	
Ra 228	Ra - 05	02/26/19:201943emv	RgBlk	pCi/L		-0.04	3	
			LRS	pCi/L	12.11	68.4 %	65-108	
			BS	pCi/L	12.11	79.9 %	75-125	
			BSD	pCi/L	12.11	93.4 %	75-125	
			BSRPD	pCi/L	12.11	1.6	≤3	

Definition

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

April 22, 2019 Ceres ID: 12632

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

The following report contains the results for the one aqueous sample received on February 13, 2019. This sample was analyzed for 2,3,7,8-TCDD by EPA 1613B. Routine turn-around time was provided for this work.

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (CCV) met the acceptance criteria.

This work was authorized under Pat-Chem Laboratories' Project # 19B0291.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,

James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

Ceres Sample ID:	Sample ID	Date Received	Collection Date	&Time
12632-001	19B0291-01	2/13/2019	2/8/2019	10:30

Section II: Data Summary

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Method Blank**	**QC Batch #:** 1973	**Date Received:** NA
	Matrix: Aqueous	**Date Extracted:** 4/18/2019
Project ID: 19B0291	**Sample Size:** 1.000 L	**ZB-5MS Analysis:** 4/19/2019

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 2.22	1.49	5.00		13C-2378-TCDD	91.3	31-137	
					CRS			
					37Cl4-2378-TCDD	101	35-197	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Ongoing Precision and Recovery**		**Date Received:** NA
	QC Batch #: 1973	**Date Extracted:** 4/18/2019
	Matrix: Aqueous	**ZB-5MS Analysis:** 4/19/2019
Project ID: 19B0291	**Sample Size:** 1.000 L	

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	11.3	7.3-14.6	13C-2378-TCDD	93.0	25-141
			CRS		
			37Cl4-2378-TCDD	96.7	37-158
			(a) Limits based on method acceptance criteria.		

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Client Sample ID: 19B0291-01		
Project ID: 19B0291	**Ceres Sample ID:** 12632-001	**Date Received:** 2/13/2019
	QC Batch #: 1973	**Date Extracted:** 4/18/2019
Date Collected: 2/8/2019	**Matrix:** Aqueous	**ZB-5MS Analysis:** 4/19/2019
Time Collected: 10:30	**Sample Size:** 0.944 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.14	1.49	5.30		13C-2378-TCDD	74.3	31-137	
					CRS			
					37Cl4-2378-TCDD	91.8	42-164	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 190291

Customer: IPC, Inc.		Project : **(MCC) Quarterly EFF**	
Address: 9297 Research Drive		Sampled by: C.D.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/08/19	1030	1	Ag, Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Mg, Hg, Ni, Se, Tl, Zn	Grab	AQ	1L P	HN	
			1	F, Bromate, Chlorite, Color, Odor, pH	Grab	AQ	1L P	4°C	
			1	CN	Grab	AQ	250 P	OH, AA	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Perchlorate	Grab	AQ	500 P	4°C	
			8	524, 504, 552, 552.2,	Grab	AQ	VOA	4°C	
			6	507, 515, 632, 508, 550, 506,	Grab	AQ	1L G	4°C	
			5	Asbestos, Diquat, Endothall, Glphosate, Dioxon- 2,3,7,8 TCDD	Grab	AQ	1L G	4°C	
			6	Radioactive - Radium-226 & 228, Gross Alpha, Gross Beta, Strontium-90 Tritium,	Grab	AQ	1L G	4°C	
			1	Uranium	Grab	AQ	1L G	4°C	

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.D.	Carlos Alvarez (IPC)	02/08/19	
Received by	EG	Cuarlo PCL	2/8/19	1250
Relinquished by	EG	Cuarlo PCL	2/8/19	1430
Received by				
Relinquished by				
Received in lab by		PCL	2-8-19	1430

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any subsequent amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and who or its heirs, successors, assigns and representatives. "Price Schedule" means the Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. Any modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may place orders by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or solicitation of consulting services constitutes the Client's express consent to be governed by these terms and conditions. No contrary or additional terms and conditions contained in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LUFT), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client's purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is required to be disclosed by law or legal process. All information received by law or legal process, PCL shall use the same standard of care it uses in preserving its own confidential data and shall not be responsible for unauthorized disclosure of confidential information unless such disclosure was due to the negligence or willful misconduct of PCL. PCL reports are delivered to Client and Client agrees that the exclusive use and benefit of such reports, data or information. Client will not disclose to any third party any conclusions concerning technical information without prior written or other authorization.

10. Hold Harmless

Client releases and at all times indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages (including reasonable attorneys' fees and expenses) and costs (including, without limitation, court costs and reasonable litigation expenses and experts' fees) of Client or any third party as a result of, and/or in any way occurring incident to, arising out of or connected with the performance of services by PCL pursuant to this agreement, except to the extent resulting directly from the gross negligence or willful misconduct of PCL, its employees, agents or subcontractors. Client specifically waives its claim, demand, attorneys' fees, and costs for, arising out of, or in connection with the negligence of or breach of contract by, any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the prevailing party. To the extent insurance under applicable law does not exist to indemnify, Client agrees to self-insure such indemnity obligation or will be supported by adequate liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation expenses in other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest, or any other expenses or costs incurred by Client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if Client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples of materials for analysis such as asbestos, polychlorinated biphenyls, ballistic or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous Material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's normal sample disposal policy. In addition, all samples received by PCL for which material analysis client will be charged a sample disposal fee for samples submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the date the services were rendered or, with prices quoted and specified in writing. The price schedule is subject to change at any time without notice. Payment in advance or other security is required for all new clients or until a history of payment and credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET 30 days unless otherwise specified in writing. Client shall pay all invoices in full without setoff, counterclaim or deduction of any kind. In the event any amount is not paid when due, Client shall pay PCL interest at the rate of one and one half percent (1.5%) per month (or the highest rate permitted by law, if less) on the unpaid balance. If client's account is collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, as well as any reasonable collection agency fees incurred in effecting collection.

13. Agreement Modification

Changes to provisions or agreements in the Terms shall be effective only in writing and executed by duly authorized representatives. Additional work orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished to PCL Client in securing services from other consultants, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the existing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, any state or subdivision, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding time, 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (subject to 8 hours) must be delivered that same day to arrive to guarantee holding times are met. After hours, late delivery, freight company delays of similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least sixty (60) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been added to the fee schedule. Reasonable fees has been provided for each pick up or service. Unnecessary delays during the pick up or sampling, might be processed as additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 17:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0314-01) Collected: 09-Feb-19 By IPC						
pH	SM4500-H-B	AB91236	0.1	09-Feb-19 (PL)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91235	0.05	09-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB90929	1.8	12-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB90929	1.8	12-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0314

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C. Alvarez	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	02/09/19	0950	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C. Alvarez	Carlos Alvarez (IPC)	02/09/19	0950
Received by			
Relinquished by: Jose L Gomez	Jose L Gomez	02-09-19	1700
Received by			
Relinquished by			
Received in lab by: Jordan Corkery	Jordan Corkery	02/09/19	1223

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Water Board (LAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced account for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any orders for services hereunder subject to payments for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereon are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, harm to, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for incidental, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and cost pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any claim against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any soil bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and in at no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any sampling being initiated by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 3 days, to allow PCL to meet holding times without incurring a rush surcharge. All short holding times, 72 hours, samples must arrive at the lab within 24 hours before weekend to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria) it is highly recommended that same day or next day to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might or accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

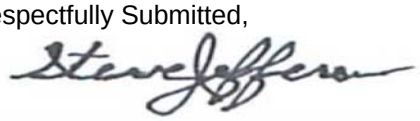
Attention: Ric Vardel
Report Date: 21-Feb-19 17:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0320-01) Collected: 10-Feb-19 By IPC						
pH	SM4500-H-B	AB91236	0.1	10-Feb-19 (PL)	6.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91235	0.05	10-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91022	1.8	12-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91022	1.8	12-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0320

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine CA 92618		Sampled by: Julio Leal	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02-10-19	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Julio Leal	2-10-19	10:00
Received by	Alex Walker Jr	2/10/19	10:00
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Alex Walker Jr	2/10/19	1210

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. **Independent Contractor**

PCL acts solely as an independent contractor in performing all services.

3. **Orders and Acceptance**

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these Terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the US Environmental Protection Agency (EPA), EA Water Bell (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Evaluations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our ISO/IEC 17025:2017 The total liability of PCL, its officers, agents, employees or subcontractors to the client, arising out of or connected with the services to be provided hereto, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services. Notwithstanding the foregoing, to the extent that any of the provisions of these terms and conditions conflict with applicable law, such provisions shall be deemed modified to conform to such law.

5. **Clients Responsibility**

Unless PCL personnel perform the sampling, the client shall be responsible for the location from which the samples are collected and for conducting and about the sampling site and for advising PCL of the risks and all information reasonably required by PCL to perform its services safely and efficiently.

6. **Cancellation**

Client may cancel any order for services hereunder subject to payments for all services performed and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**

The parties agree that no term shall govern performance of [illegible] unless [illegible] in writing or [illegible] to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. **Force Majeure**

PCL shall not be responsible for delay or failure to perform the services contemplated by this agreement due to causes beyond its control.

9. **Confidentiality**

Data and the samples materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has right to use PCL under services rendered or it) otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports. Based on information concerning technical information, software, programs or other formulations.

10. **Hold Harmless**

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way arising incident to or arising out of, or in connection with the performance of services by PCL hereunder or this agreement and/or transportation, handling, or disposal of client's hazardous materials. [illegible] disease or death of persons or injury or damage to, loss of, or loss of use of property and/or 8. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing types of claims, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether active or passive, of the indemnified person or parties to this agreement. The foregoing indemnities will be in addition to and not in lieu of the client's obligations set forth in PCL and the [illegible] Terms. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by adequate liability insurance coverage to be carried at client's own cost which insurance shall be written in a manner and form permitted under applicable law, to at least cover PCL for losses to client, its officers, partners, agents, employees or representatives for damages, including without limitation, loss of profits or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, costs, [illegible] and expert witness fees), or any other expenses, or costs incurred by client or any other party in connection with or resulting from or in any way related to any claim, action or proceeding against any party or in any [illegible] interpretation of any [illegible] the Indemnified Materials. Client's indemnification shall survive the termination of this agreement or any services provided under this agreement and shall be governed by the laws of the State of [illegible] without regard to its conflicts of law principles. In the event the client disposes of samples or [illegible] in its facility or [illegible] PCL will return to the client all unused samples which contain hazardous materials. PCL reserves the right to charge the client for the disposal of unused samples, in accordance with PCL's standard sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample, unless otherwise agreed to in writing.

11. **Hazardous Substances**

For PCL to perform the services requested hereunder, client will provide and PCL will receive samples material for analysis as a possible, and to identify [illegible] in accordance with any [illegible] Regulations of any [illegible] and any and all others per [illegible] Agreement, [illegible] or handling of samples by PCL shall in no way relieve client of its obligations to [illegible] in accordance with applicable laws, regulations and [illegible] or [illegible] as a result of any [illegible] interpretation of any [illegible] the Hazardous Materials. Client acknowledges that all samples and [illegible] delivered to PCL from client or at client's request shall remain the property of Client and that upon completion of PCL services, PCL will dispose of all unused portions of samples as provided by client in its PCL's specific policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples, in accordance with PCL's standard sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample, unless otherwise agreed to in writing.

12. **Prices/Payments**

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation on the date the services were rendered or with prices accepted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payments in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice, to the fullest extent permitted by law. Any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to the extent fees associated with such collection proceedings or efforts.

13. **Agreement Modification**

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL or [illegible] authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. **No Third Party Beneficiaries; No Right of Reliance**

PCL shall have no responsibility or liability to client's use of or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for his own account, and not as agent or trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not guarantee, or should be used to rely upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, and any use of other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other person for the certification to or contracting with any entity or individual any governmental agency or department.

15. **Rush Analysis**

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason the rush turnaround time cannot be met, the normal price will apply.

16. **Holding Times**

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any sample being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive at the laboratory to allow PCL [illegible] holding times. Nothing within this paragraph [illegible] [illegible] [illegible]

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

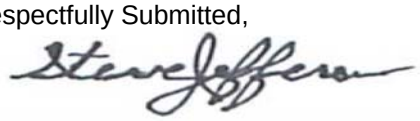
Attention: Ric Vardel
Report Date: 21-Feb-19 17:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0330-01) Collected: 11-Feb-19 By IPC						
pH	SM4500-H-B	AB91236	0.1	11-Feb-19 (PL)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91235	0.05	12-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91143	1.8	13-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91143	1.8	13-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0330

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/11/19	[redacted]	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.49/19.68
	1	1045	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C.	Carlos Alvarez (IPC)	02/11/19	12:10
Received by	ARMANDO OLMOS (APCHEM)	2/11/19	12:10
Relinquished by	ARMANDO OLMOS (APCHEM)	2/11/19	15:10
Received by			
Relinquished by			
Received in lab by	PIC	2-11-19	1510

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboards (SWAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, use of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing notwithstanding, to the extent client's obligation to indemnify PCL and the Indemnified Persons. To the extent, limitation of liability applies, client agrees that an indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, with insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for business, profits, special, incidental or consequential damages (including without limitation, loss of profits or business interruption, litigation expenses or attorneys fees including, without limitation, attorney's fees, court costs, and cost of any appeal, expert witness fees, or any other expenses) even if such party shall have been advised, knew or should have known of the possibility thereof. In the event of any action, claim or proceeding by client against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples (samples) for analysis such as asbestos, contaminated soils, soil, sludge, or any other hazardous or non-hazardous, solids and liquids (each, a "Sample"). Accordingly, in connection with such request, client or client's agents PCL agrees or regulations (whether now existing or hereafter enacted or promulgated) as they may be interpreted or enforced from time to time (collectively, "Hazardous Materials"). Client acknowledges and agrees that any hazardous material received by PCL from client or client's agents shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples in such manner as client is to be PCL's SOP/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for its disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis (solid) analysis, client will be charged a sample disposal fee, per sample accounted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when service is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party interests on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason, the rush turnaround time cannot be met, the regular price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 15 days or less, samples must arrive within 72 hours of sample collection. PCL cannot meet holding times without advance notice. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or 72 hours will require delivery the same day in order to guarantee holding times are met. After hours, the delivery to the laboratory drop box. Client shall be subject to additional late fees and/or the inability to meet holding times. All holding times are in effect as of the collection date of the first sample and are subject to change without notice.

17. Sample Retention

All samples are retained for at least sixty (30) days after analysis has been completed. Sample storage for longer intervals is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling process, as noted on addendum for

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 22:59
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0329-01) Collected: 11-Feb-19 By CA						
Ammonia as N	EPA 350.1	AB91413	0.10	14-Feb-19 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AB91231	2	17-Feb-19 (VL)	<2 mg/l	
Nitrate as N	EPA 353.2	AB91232	0.02	12-Feb-19 (LA)	1.47 mg/l	
Nitrite as N	EPA 353.2	AB91232	0.02	12-Feb-19 (LA)	0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AB91415	0.10	15-Feb-19 (LA)	0.77 mg/l	
Total Suspended Solids	SM 2540D	AB91230	1	13-Feb-19 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0329

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C.	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/11/19	1045	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	02/11/19	12:10
Received by		ARMANDO OLMOS (PATCHEM)	2/11/19	12:10
Relinquished by		ARMANDO OLMOS (PATCHEM)	2/11/19	15:10
Received by				
Relinquished by				
Received in lab by			2-11-19	1510

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or requested consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered, or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was maintained. PCL reports and information provided thereto are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other intellectual property.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, penalties, causes of action, costs and reasonable expenses, including, but not limited to, attorneys fees (the Litigation Expenses), and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with, the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL, or its employees. Further, this indemnity shall specifically apply to, cover, claims then upon, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and the pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or where credit is not established may be required for all work. Terms of credit & history of payment and/or credit worthiness must be established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at any by applicable law, any amount unpaid on time and to thirty (30) days is subject to interest at the lesser of the maximum rate (identified below or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable time and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that verbal work order for additional services may be issued as in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested or shall not be used to resell upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any person, or other recipient as the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 4pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed by or treated samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. On short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (excluding 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 23:06
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19B0331-01) Collected: 11-Feb-19 By CA						
Biochemical Oxygen Demand	SM 5210B	AB91231	2	17-Feb-19 (VL)	322 mg/l	
Total Suspended Solids	SM 2540D	AB91230	1	13-Feb-19 (SGS)	352 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0331

Customer: IPC, Inc.		**Project:** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** C. Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** ~~Ric Vardel / Golan Kfir~~	**Phone #:** ~~949-382-9067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	02/11/19	1130	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (PCL)	02/11/19	12:10
Received by		ARMANDO OLMOS (PATCHEM)	2/11/19	12:10
Relinquished by		ARMANDO OLMOS (PATCHEM)	2/11/19	15:10
Received by				
Relinquished by				
Received in lab by		P/C	2/11/19	1570

Sample Received Checklist

Temperature upon receipt: 4
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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9. Confidentiality

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10. Hold Harmless

Client release, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or its services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payments in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the term for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or connecting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal rates will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 7-8 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is a 6 hour) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 18:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0366-01) Collected: 12-Feb-19 By IPC						
pH	SM4500-H-B	AB91339	0.1	12-Feb-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91338	0.05	13-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91237	1.8	14-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91237	1.8	14-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: AB0366

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C. Alvarez	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/12/19	0915	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (IPC)	09/12/19	11:55
Received by		Armando Olmos (Pat Chem)	9/12/19	11:55
Relinquished by		Armando Olmos (Pat Chem)	9/12/19	16:45
Received by				
Relinquished by				
Received in lab by		Mario San Tiesteban (PCL)	9/12/19	1615

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

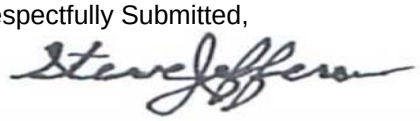
Attention: Ric Vardel
Report Date: 21-Feb-19 18:04
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0412-01) Collected: 13-Feb-19 By IPC						
pH	SM4500-H-B	AB91406	0.1	13-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91404	0.05	14-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91337	1.8	15-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91337	1.8	15-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0412

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	Sampled by:	P.O. #:	
	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/13/19	1055	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	02/13/19	12:21
Received by		Courier (PCL)	02/13/19	12:24
Relinquished by		Courier (PCL)	2/13/19	1:26
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN	2/13/19	1304

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 18:06
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0443-01) Collected: 14-Feb-19 By IPC						
pH	SM4500-H-B	AB91508	0.1	14-Feb-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91507	0.05	15-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91407	1.8	16-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91407	1.8	16-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0443

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: C. A.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/14/19	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.6 / 18.8°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	02/14/19	11:13
Received by		Cindy Martinez (PCL)	2/14/19	11:13
Relinquished by		Cindy Martinez (PCL)	2/14/19	2:50
Received by				
Relinquished by				
Received in lab by		PCL	2.14.19	1450

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes / No
Samples intact?	Yes / No
Samples properly preserved?	Yes / No
Samples in holding time?	Yes / No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to are bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA state Board (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise pursuant to the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided hereby shall not exceed the invoice amount for said services. Client's acceptance of a price quote and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client work order forms or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition in which the samples are collected and for conditions at and around the sampling site and for advising PCL of this status and of information required to enable PCL to perform its services in a safe and efficient.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of such cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern over terms of Client's initial order and all subsequent orders for additional services, whether placed in writing or by oral Client to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials furnished by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the same degree as client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL's reports and information provided thereto are for the exclusive use and benefit of client and client agrees that it shall be the sole party beneficiary of such reports. Data or information concerning testing or analysis, reports, invoices and all other communications.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and expenses arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Bodily injury and or death of persons 2. Loss of, damage to, loss of, or loss of use of property of any or all kinds or loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, injury damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the indemnified party may have to PCL and the other indemnified persons. To the extent an action under applicable law client agrees that its indemnity obligation will not be supported by available liability insurance or the right to be furnished by client, which obligation shall be in the amount which is permitted under applicable law. Client waives any right to claim for business, production, opportunity, consequential damages, including without limitation, loss of profit or business, loss of use, litigation Expenses or other like damages, without limitation, attorneys' fees, court costs, and all other costs and judgment interest, or any other damages or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services rendered under this agreement even if client or the foregoing party has been advised of the possibility of such damages.

11. Hazardous Substances

Unless PCL personnel are actually performing the sampling, client will provide and PCL will have no samples materials for analysis such as asbestos, polychlorinated biphenyls, hazardous or any other dangerous toxic materials, except and unless PCL shall have specifically agreed in writing to perform such analysis. Client represents and warrants that it is aware of the hazardous nature of any materials to be delivered to PCL and that it will inform PCL in writing of the hazardous nature of any materials delivered to PCL prior to delivery. Client shall indemnify and hold PCL harmless from and against any and all claims, demands, causes of action, damages, losses, costs, expenses, fines and liabilities of every kind and character, including attorneys' fees and litigation expenses, asserted against or incurred by PCL at any time and which arise out of or are in any manner connected with the delivery, presence, existence, treatment, storage, release or disposal of any hazardous substance, hazardous waste, hazardous material, toxic substance, pollutant or contaminant in connection with any of the materials delivered to PCL by client or on client's behalf. Client shall comply with all applicable laws, rules and regulations of all federal, state and local governmental authorities having jurisdiction over the disposal of such materials and shall sign such manifests as may be required by PCL or any governmental authority. Client shall be responsible for all costs and expenses associated with the disposal of such materials. PCL reserves the right to return to client, at client's expense, any unused portion of samples or materials delivered to PCL by client. In the event the client does not timely, as preferred method of disposal, PCL will dispose of the client's unused samples and/or materials. Notwithstanding the foregoing, PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis become property of the client and a chain of custody document for the sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or upon a review of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and to apply at the law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law, or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to secure upon, in connection with or in any of the purchase, sale, underwriting, or distribution of any securities, any passage or other reporting to the holders of any securities, the securing, amount, net renewal, or extension of any loan from any financial institution or other lender or the certification to or confirming with directly or indirectly any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered or scheduled or other factors not agreed to without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any sampling being arranged by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less, sampled must arrive within 24 hours to allow PCL sufficient holding time. [illegible] holding times [illegible] 24 hours before expiration. Samples received [illegible] 24 hours before expiration may not be tested. Short holding times of 15 minutes or less (such as pH, Residual Chlorine) should be performed in the field by the client to guarantee holding times are met. After hours, due delivery, freight company delivery or courier delivery and [illegible] such fees and/or the inability to meet holding times. All holding times are verified as of the published date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are discarded forty-five (45) days after analysis has been completed. Samples that are no longer needed can be returned to client. Prior approval is required. Fees charged to client for storage, shipping and disposal at the end of the year arranged and [illegible]

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included in the fee schedule. Reasonable time has been allocated for each one of our services. Unnecessary delays during the pick up or sampling may be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

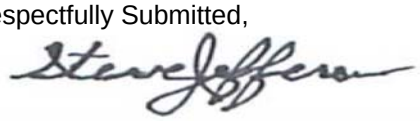
Attention: Ric Vardel
Report Date: 21-Feb-19 18:08
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0498-01) Collected: 15-Feb-19 By IPC						
pH	SM4500-H-B	AB91633	0.1	15-Feb-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91632	0.05	16-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91506	1.8	17-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91506	1.8	17-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0498

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	02/15/19	1030	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (IPC)	02/15/19	
Received by	EB	Carlos	2/15/19	1230
Relinquished by	EB	Carlos	2/15/19	1500
Received by				
Relinquished by				
Received in lab by			2-15-19	1500

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (all collectively, Services) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (1) an acceptance by the client of PCL's offer to do business with the client under the terms and condition and (2) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board (CLRP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM), of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (save to such information as is generally available to the public or in the public domain or client is obligated to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client shall not refer to any third party any information concerning technical information, calculations or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all costs, fees (by attorneys and experts) and awards accruing in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or to possession, handling or disposal of client's hazardous materials; 1. injury, disease or death of persons 2. loss of, damage to, loss of use of, or destruction of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing listed costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amount permitted under applicable law. At no point shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption), Litigation Expenses or, other fees (including, without limitation, attorney's fees, court costs, and out pre or post judgment interest), or any other expenses or costs incurred by client or any other party or any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all services received by PCL for analysis for hazardous wastes, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or clients a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in procuring services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used, to relied upon, in connection with or as part of, the purchase, underwriting, or continuation of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 72 hours, samples must arrive at the lab within 24 hours before weekend to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) could be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight companies delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 18:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0521-01) Collected: 16-Feb-19 By IPC						
pH	SM4500-H-B	AB91638	0.1	16-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91639	0.05	16-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91631	1.8	18-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91631	1.8	18-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0521

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Golan Kfir	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	2/16/19	8:40	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	2/16/19	8:45
Received by:			
Relinquished by: Jose L Gomez	Jose L Gomez	2-16-19	10:00
Received by:			
Relinquished by:			
Received in lab by:	Jordan Corkery	2-16-19	11:46

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: **AQ** - Water; **SO** -Soil / Sludge; **OT** - Other

Bottle Type: **P** - Plastic; **G** - Amber Glass; **VOA** - 40 ml Vial; **Coli** - bacteria

Preservations: **HC** - HCl; **HS** - H_2SO_4; **HN** - HNO_3; **HP** - H_3PO_4; **OH** - NaOH; **ST** - Sodium Thiosulfate; **AA** - Ascorbic Acid; **Al** - $AlCl_3$; **Cu** - $CuSO_4$

Note: Samples are ~~discarded~~ 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his heirs, legal successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has fail to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss or damage to, or loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and the like or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or established as such under federal, state or local laws, rules. PCL agrees no legislation (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials") client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or to PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or when a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Short of holding times can be provided at the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, e.g. 7 days, we generally arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of All tests or less that are 4 hours must be delivered must come day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for an approximately (30) days after analysis has been completed. Sample storage for longer periods is by request only. The arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

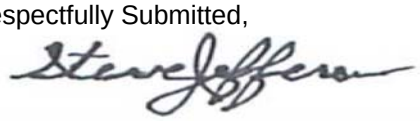
Attention: Ric Vardel
Report Date: 21-Feb-19 18:12
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0528-01) Collected: 17-Feb-19 By IPC						
pH	SM4500-H-B	AB91731	0.1	17-Feb-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91732	0.05	17-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91730	1.8	20-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91730	1.8	20-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0528

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/17/19	0945	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.42 / 12.2°C
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
1	1	1							
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (IPC)	02/17/19	10:30
Received by	Alex Walker	Alex Walker Jr	2/17/19	10:30
Relinquished by				
Received by				
Relinquished by				
Received in lab by	Alex Walker	Alex Walker Jr	2/17/19	1157

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including any price schedules, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, including all sampling services and the officers, employees, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may enter services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be binding to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board (CAWB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or other issue based on the reasonable judgement of PCL Services. If any will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or representatives to the client, arising out of or in connection with its services to the client, shall not exceed the lesser of the amount paid by the client for the services or the sum of $5,000.00. Client acceptance of the services constitutes client's agreement to these limitations of liability.

5. Clients Responsibility

Unless PCL performs collection of the samples, the client shall be responsible for the condition when the samples are collected and for directions in writing about the sampling and analysis, allowing PCL of the same and all information or materials to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payments for all services rendered and all of certain expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that these Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent that these Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for costs or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or on client's behalf, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in public domain or client has filed to allay PCL has an obligation rendered in contravention or breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client's agents only. It shall not be a third party beneficiary of such reports. Except as otherwise stated, client will not disclose to any third party, any information concerning testing performed, without prior written consent of PCL.

10. Hold Harmless

Client agrees to and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, court fees (the obligation it expresses and exemplifies arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. It shall include, but not be limited to, death of persons, injury to, loss of, or damage to property, and/or damage to the environment or loss of use thereof, or any kind of character. The indemnity does not apply to any of the foregoing to the extent such are caused by injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any unidentified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to, and not in lieu of, any other indemnities set forth in this agreement between PCL and the client or elsewhere between the parties. To the extent that any such indemnification shall be deemed to be insufficient, void or unenforceable for any reason, then such indemnification shall be apportioned by applicable law in the proportion that the fault of the indemnifying party bears to the fault of the indemnified party, as determined by applicable law. Nothing herein shall be construed to limit the liability of PCL to client for damages resulting from PCL's negligence, willful misconduct or breach of contract. Client agrees to defend, indemnify and hold harmless PCL and any of its officers, directors, employees, agents, affiliates, successors and assigns from and against any and all claims, losses, liabilities, damages, costs and expenses (including but not limited to attorneys' fees and costs and consultant fees) arising out of or in connection with any claim or cause of action asserted against PCL or any of its officers, directors, employees, agents, affiliates, successors and assigns by any third party (including, but not limited to, governmental agencies) that arises out of, results from, or is based upon (i) the failure of client to perform any of its obligations under this agreement, or (ii) any act or omission of client, its employees, agents or subcontractors in connection with this agreement, or (iii) any breach by client of any of its representations or warranties contained in this agreement.

11. Hazardous Substances

For PCL to conduct the services requested by client, client will provide and PCL will receive complete materials safety data sheets, or other documentation identifying any known or suspected hazardous, toxic or dangerous properties or characteristics of materials, wastes and substances which are delivered to PCL for testing or which PCL will encounter in performing services at client's site. Client will inform PCL of any precautions necessary in handling or disposing of such materials. Client will indemnify and hold harmless PCL from any claims, liabilities, damages, costs and expenses arising out of or in any way related to the existence or presence of such hazardous materials on client's site or the removal, handling or disposal of such materials by PCL or any authorized person in connection with this agreement, in addition, to the extent required by applicable law, client shall arrange for the proper disposal of all samples and materials provided to PCL for testing, and all samples and materials resulting from PCL's testing, in accordance with all applicable laws, rules and regulations. Client shall be responsible for all costs associated with the proper disposal of such samples and materials.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when an order is completed is required for all new clients or upon a formula of payment and/or credit accounts have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Feb-19 18:14
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0551-01) Collected: 18-Feb-19 By IPC						
pH	SM4500-H-B	AB91843	0.1	19-Feb-19 (PL)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB91846	0.05	18-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91836	1.8	21-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91836	1.8	21-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/21/2019
Laboratory Director

2.

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0551

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C. Alvarez	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/18/19	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.70 / 18.1°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (Cartel)	02/18/19	12:58
Received by		Armando Duran (Pat-Chem)	2/18/19	12:58
Relinquished by		Armando Duran (Pat-Chem)	2/18/19	14:35
Received by				
Relinquished by				
Received in lab by		M	2/18/19	1435

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab ~~Comp~~	HC - HCl HS - H_2SO_4
~~Matrix~~ AQ - Water SO -Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
~~Bottle Type~~ P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other communications.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all expenses, losses or damages, claims, suits and/or causes of action, costs and associated expenses including, but not limited to, all court fees, litigation expenses, and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or client's retaining, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance in the type and amount required by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and fees in post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples that are to be analyzed such as asbestos, polychlorinated biphenyls (PCBs) or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws. Since PCL policies and regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"), Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any oil, bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all and by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or action.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client recognizes, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender of the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria) is 8 hours. In order to guarantee holding times we must know, late delivery, freight problems, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. For arranged long term storage is subject to an additional charge. Samples will be disposed at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

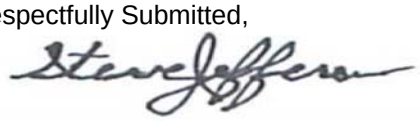
Attention: Ric Vardel
Report Date: 26-Feb-19 10:06
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0577-01) Collected: 19-Feb-19 By IPC						
pH	SM4500-H-B	AB92040	0.1	19-Feb-19 (PL)	7.0 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92039	0.05	20-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB91944	1.8	22-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB91944	1.8	22-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0577

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C.	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/19/19	1055	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.53/15.6°C
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (IPC)	02/19/19	12:10
Received by		ARMANDO OLMOS (CONTECH)	2/19/19	12:10
Relinquished by		ARMANDO OLMOS (CONTECH)	2/19/19	15:20
Received by				
Relinquished by				
Received in lab by			2-19-19	1500

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or re-issued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No boilerplate or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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Data and the samples materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, is in the public domain or client has failed to pay PCL for all services rendered) and in connection is breach of the agreement (subject to any disclosure required by law or legal process). PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning testing, information, software, processes or other presentations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and any and all expenses, including, but not limited to, all court fees, litigation, arbitration and awards arising in favor of Client or any third parties as a result of, and/or in any way resulting, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, e.g., by reason of death of persons, 2. Loss of, damage to, loss of, or loss of use of property, and/or 3. Breach of legal duty of any kind, of character. This indemnity (hereinafter sometimes referred to as "claims") shall apply, whether or not such claims shall be caused in part by the negligence or willful misconduct of PCL or its employees. Further, this indemnity shall particularly apply to claims, demands, causes of action of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and/or their authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is including (without limitation) for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that they are not third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended to, or shall be used to resell upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any persons, or other recipient by the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 24 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab no less 72 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Coliforms is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 26-Feb-19 10:20
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0578-01) Collected: 19-Feb-19 By CA						
Ammonia as N	EPA 350.1	AB92111	0.10	21-Feb-19 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AB92029	2	25-Feb-19 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AB91937	0.02	19-Feb-19 (LA)	1.56 mg/l	
Nitrite as N	EPA 353.2	AB91937	0.02	19-Feb-19 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AB92112	0.10	22-Feb-19 (LA)	0.66 mg/l	
Total Suspended Solids	SM 2540D	AB92036	1	21-Feb-19 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 14B0578

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive Irvine CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/19/19	1055	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	02/19/19	12:10
Received by		ARMANDO OLMOS (CARTOGEN)	2/19/19	12:10
Relinquished by		ARMANDO OLMOS (CARTOGEN)	2/19/19	15:00
Received by				
Relinquished by				
Received in lab by		PC	2-19-19	1500

Sample Received Checklist

Temperature upon receipt: M

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only upon the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. Any variety or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

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6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other intellectual.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, shareholders and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and any related expenses including, but not limited to all court fees (plus litigation expenses) and counsel fees arising in favor of or by any third party as a result of, and/or in any way relating, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazard risk materials. 1. Illness, disease or death of persons; 2. Loss of, damage to, or loss of, or loss of use of property or the 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, liabilities, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption. Litigation expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or Regulations (as either now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous Material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or single analysis is computed is required for all new clients or upon a history of payment and/or credit not established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or from attorney, the client shall pay reasonable costs and attorney's fees per month then associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by such authorized representative. Except that homeowners renters for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client's retaining services to provide for his own persons, and not as agent of anyone, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the particular sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or permitting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. As analyses with holding times of 24 hours or less. Samples must arrive within 16 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria) it is highly must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for an issue thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Any arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 26-Feb-19 10:20
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0578-01) Collected: 19-Feb-19 By CA						
Ammonia as N	EPA 350.1	AB92111	0.10	21-Feb-19 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AB92029	2	25-Feb-19 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AB91937	0.02	19-Feb-19 (LA)	1.56 mg/l	
Nitrite as N	EPA 353.2	AB91937	0.02	19-Feb-19 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AB92112	0.10	22-Feb-19 (LA)	0.66 mg/l	
Total Suspended Solids	SM 2540D	AB92036	1	21-Feb-19 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 14B0578

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive Irvine CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/19/19	1055	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	02/19/19	12:10
Received by		ARMANDO OLMOS (CARTOGEN)	2/19/19	12:10
Relinquished by		ARMANDO OLMOS (CARTOGEN)	2/19/19	15:00
Received by				
Relinquished by				
Received in lab by		PC	2-19-19	1500

Sample Received Checklist

Temperature upon receipt: M

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only upon the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. Any variety or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other intellectual.

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Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, shareholders and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and any related expenses including, but not limited to all court fees (plus litigation expenses) and counsel fees arising in favor of or by any third party as a result of, and/or in any way relating, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazard risk materials. 1. Illness, disease or death of persons; 2. Loss of, damage to, or loss of, or loss of use of property or the 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, liabilities, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption. Litigation expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or Regulations (as either now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous Material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client's retaining services to provide for his own persons, and not as agent of anyone, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the particular sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or permitting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. As analyses with holding times of 24 hours or less. Samples must arrive within 16 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (i.e. 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (benzene) it is highly must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for an issue thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Any arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be exposed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

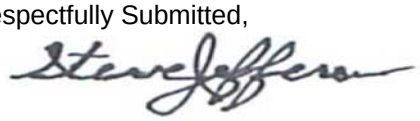
Attention: Ric Vardel
Report Date: 26-Feb-19 10:24
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19B0580-01) Collected: 19-Feb-19 By JL						
Biochemical Oxygen Demand	SM 5210B	AB92029	2	25-Feb-19 (SGS)	1013 mg/l	
Total Suspended Solids	SM 2540D	AB92036	1	21-Feb-19 (EA)	1952 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0580

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** ~~Ric Vardel / Golan Kfir~~	**Phone #:** ~~949-382-9067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	02-19-19	11:45	1	TSS	Grab	AQ	1L P	4°C	
	〃	〃	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: ~~WDR100000359~~

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	02-19-19	12:10
Received by	ARMANDO OLMOS (PATCHEM)	2/19/19	12:10
Relinquished by	ARMANDO OLMOS (PATCHEM)	2/19/19	15:00
Received by			
Relinquished by			
Received in lab by		2/19/19	1500

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written client purchase order ("PO") to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA); CA Waterboard (ELAP), American Society for Testing and Materials (ASTM); Association of Official Analytical Chemists (AOAC); Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed or pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data unless such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, test work programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, actions, demands, causes of action, costs and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement as due to accumulation, handling, or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or use of, or destruction of property and or 3. Economic loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether it be or alleged. In the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for incidental, punitive, special, consequential or consequential damages (including, without limitation, loss of profits or business interruption), Litigation Expenses or attorneys fees (including, without limitation, attorney's fees, court costs, and for pre or post judgment interest), or any other expenses or costs incurred by client or any other party, in any litigation against or involving PCL or any indemnified person in connection with this agreement or as services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any from and the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation on the date the services were performed or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to rely upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notifications and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) it is highly recommended that same day or overnight to guarantee holding times are met. After hours, late delivery, freight company delays or courier issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

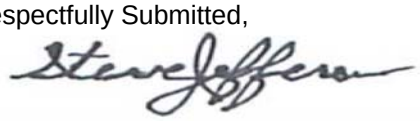
Attention: Ric Vardel
Report Date: 26-Feb-19 10:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0628-01) Collected: 20-Feb-19 By IPC						
pH	SM4500-H-B	AB92046	0.1	20-Feb-19 (PL)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92048	0.05	21-Feb-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92042	1.8	22-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92042	1.8	22-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0528

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Golan Kfir	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	2/20/19	11:40	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.36/13.9°C
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	2/20/19	11:45
Received by	Armando Olmos (Patchem)	2/20/19	12:10
Relinquished by	Armando Olmos (Patchem)	2/20/19	14:30
Received by			
Relinquished by			
Received in lab by		2.20.19	1430

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, including an employee, servant and his or its heirs, executors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a verified chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or in relation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 CFR Parts 136 and 141, the American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) for the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The responsibility of PCL, its officers, agents, employees or servants to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services hereof including any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and of information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder (other) to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's order under any accepted orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the prior property of Client has filed to pay PCL for all services rendered or is otherwise in pursuit of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and nothing herein shall be no third party beneficiary of all agreements. Data or information Client is not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client release, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all actions, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigation, counsel and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services. b. PCL pursuant to this agreement and/or transportation handling, or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. Risk, indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or wilful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claim damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any subcontractor hereof, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that all indemnity obligations will be supported by available liability insurance of the type to be purchased by client, which insurance shall be in the minimum amounts customary under appropriate law. Nothing herein shall PCL be liable to client for indirect, punitive, special, consequential or incidental damages (including without limitation, loss of profits or business interruption, litigation expenses or court fees (including without limitation attorney's fees, court costs, and cost of in-house judgment interest), or any other expenses incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement, or any services provided under this agreement even if client is advised of the possibility of such damages.

11. Hazardous Substances

For PCL to perform the services hereunder, client will provide PCL with reasonable samples material for analysis (such as asbestos, polychlorinated biphenyls (PCBs) or any other hazardous or toxic materials, wastes and substances which are defined, listed or regulated as such under federal, state or local law, rules or regulations (together, "Hazardous Substances"). Client represents, warrants and agrees that it will comply with all applicable laws, rules, regulations and ordinances relating to the handling, storage, transportation, disposal and use of Hazardous Substances. Client will inform PCL in writing of the presence or suspected presence of any Hazardous Substances in any samples submitted to PCL for analysis or testing. Client will indemnify, defend and hold harmless PCL from and against any and all claims, losses, damages, liabilities and expenses (including reasonable attorneys' fees and costs of investigation and defense) which may arise out of or result from Client's failure to comply with the provisions of this Section 11

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

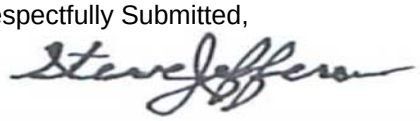
Attention: Ric Vardel
Report Date: 26-Feb-19 10:14
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0650-01) Collected: 21-Feb-19 By IPC						
pH	SM4500-H-B	AB92124	0.1	21-Feb-19 (PL)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92213	0.05	22-Feb-19 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92119	1.8	23-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92119	1.8	23-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0650

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:**	**P.O. #:**
Irvine	CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/21/19	1040	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.38/9.9°C
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	02/21/19	11:50
Received by		Hemantbhai Dahyabhai Patel (PATCHEM)	2/21/19	11:50
Relinquished by		Hemantbhai Dahyabhai Patel (PATCHEM)	2/21/19	16:30
Received by				
Relinquished by				
Received in lab by			2.21.19	1630

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes / No
Samples intact?	Yes / No
Samples properly preserved?	Yes / No
Samples in holding time?	Yes / No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software problems or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and reasonable expenses, including, but not limited to, all court fees, litigation expenses and lawyers' fees arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment of all sums in which a dispute is not raised is required for all new clients or until a history of payment and/or credit acceptance has been established with PCL. For clients (if any) with an established credit account, the terms of payment are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or effort.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. It is noted that subsequent orders for additional services may be verbal or written.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client (in securing services hereunder for his own account, and not as agent or broker for or any other representative capacity for any other person or entity) is aware and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any portion of or other reference to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less. Samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (including 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

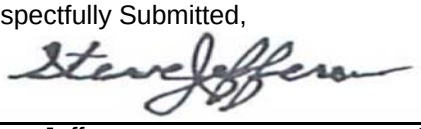
Attention: Ric Vardel
Report Date: 26-Feb-19 10:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0697-01) Collected: 22-Feb-19 By IPC						
pH	SM4500-H-B	AB92326	0.1	22-Feb-19 (JC)	8.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92213	0.05	22-Feb-19 (SJ)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92217	1.8	24-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92217	1.8	24-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0697

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C.	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	02/22/19	1045	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	8.21 / 17.3°C
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	2/22/19	13:40
Received by	Armando Dumas (PCL)	2/22/19	13:40
Relinquished by	Armando Dumas (PCL)	2/22/19	16:00
Received by			
Relinquished by			1600
Received in lab by	MARIO SANTIESTEBAN (PCL)	2/22/19	1600

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 26-Feb-19 10:41
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0703-01) Collected: 23-Feb-19 By IPC						
pH	SM4500-H-B	AB92331	0.1	23-Feb-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92330	0.05	23-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92325	1.8	25-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92325	1.8	25-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0703

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Ric VARDEL	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	2/23	10830	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	10/23	1045
Received by			
Relinquished by	Jose L Gomez	2/23/19	1045
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	2/23/19	1130

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule or such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to all court fees (the Litigation Expenses), and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with, the performance of services by PCL pursuant to this Agreement and/or transportation, handling or disposal of client's materials and materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages, including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous substances. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is entering services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal rates will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before acceptance to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria or 6 hours) cannot be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods of time can be arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 26-Feb-19 17:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0708-01) Collected: 24-Feb-19 By Golan Kfir						
pH	SM4500-H-B	AB92426	0.1	24-Feb-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92427	0.05	24-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92425	1.8	26-Feb-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92425	1.8	26-Feb-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 2/26/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0708

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir / Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	2/24/19	10:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.46 / 14.5°C
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	2/24/19	10:35
Received by Jordan Corkery	Jordan Corkery	2/24/19	12:45
Relinquished by			
Received by			
Relinquished by			
Received in lab by Jordan Corkery	Jordan Corkery	2/24/19	14:12

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), LA Waterboard (LUAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data (other than gross negligence). PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client agrees to and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, court fees (and litigation expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 3. theory, dispute or death(s) (personal injury, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind) or expenses. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, penalties of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which client may otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required but where client or client's account of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (30) (written thirty (30) days from date of invoice). To the fullest extent permitted by or allowed by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by the client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services rendered for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used in whole upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender of the consideration to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days), samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

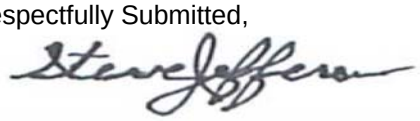
Attention: Ric Vardel
Report Date: 12-Mar-19 20:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0726-01) Collected: 25-Feb-19 By JL						
pH	SM4500-H-B	AB92549	0.1	25-Feb-19 (JC)	7.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92548	0.05	25-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92530	1.8	27-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92530	1.8	27-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0726

Customer: IPC, Inc.

Project : **(MCC) Daily EFF**

Address: 9297 Research Drive
Irvine CA 92618

Sampled by: JULIO LEAL

P.O. #:

Report Attention: Ric Vardel / Golan Kfir

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	02.25.19	11:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.8/19.8°C
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	2.25.19	11:58
Received by	MARJS SANTIESTEBAN (PCL)	2/25/19	11:58
Relinquished by			
Received by			
Relinquished by			
Received in lab by	MARJS SANTIESTEBAN (PCL)	2/25/19	1255

Sample Received Checklist

Temperature upon receipt: 4°C

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

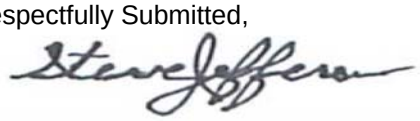
Attention: Ric Vardel
Report Date: 13-Mar-19 12:25
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0741-01) Collected: 26-Feb-19 By JL						
pH	SM4500-H-B	AB92732	0.1	26-Feb-19 (PL)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92745	0.05	27-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92632	1.8	28-Feb-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92632	1.8	28-Feb-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0741

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine CA 92618		Sampled by:	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/26/19	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
1	1	1							
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Arroyo (ARC)	02/26/19	
Received by			2/26/19	1240
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	2/26/19	1406

Sample Received Checklist

Temperature upon receipt: 4°c

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? Yes (No)

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Wate
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under this following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or utilization of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterlabs (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the container which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or Client is late to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL's reports and information provided thereon will be for the exclusive use and benefit of Client and not in agreement shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third parties any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons & 2. loss of, damage to, or destruction of real or personal property, and or 3. financial loss of every kind of character. This indemnity shall not apply to any of the foregoing losses, claims, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client may otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, litigation expenses or expert fees (including, without limitation, attorney's fees, court costs and the cost of in-house counsel) incurred by client or any third party in any way arising against or in favor of PCL or any indemnified person in connection with this agreement. This provision shall survive the agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, unless it is unable and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls (PCBs) or any other hazardous or toxic material, waste, and substance which are defined, determined, classified as such under federal, state or local laws, rules, PCL shall not be required to perform any testing or handling services unless and to the extent that PCL shall agree in writing to perform such services. All samples submitted to PCL shall become the property of PCL and shall not be returned to client. PCL will dispose of all unused portions of samples submitted by client in an PCL SOP/QC policies. In the event no client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bench analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or with a history of payment and/or credit account not been established with PCL. For those clients with an established credit account, the terms for payments of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law or as applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or effort.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity, for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on PCL data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not guaranteed, or shall be used to rely upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the client's provision of contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times (< 7 days), samples must arrive at the earlier of 1 half before 4:00pm local time that the holding time can be met. Short holding times of 72 hours or less (holders) is 3 hours must be received that same day in order to guarantee holding times are met. After hours, late delivery, Friday delivery, delays or similar issues are subject to additional sub fees and/or the inability to meet holding times. All holding times are in effect as of the collection date of the first sample and are subject to change without notice.

17. Sample Retention

All samples are stored for 30 days (thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Any arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling may be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Mar-19 16:36
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0743-01) Collected: 26-Feb-19 By CA						
Ammonia as N	EPA 350.1	AB92810	0.10	28-Feb-19 (SGS)	0.11 mg/l	
Biochemical Oxygen Demand	SM 5210B	AB92739	2	04-Mar-19 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AB92634	0.02	26-Feb-19 (LA)	1.40 mg/l	
Nitrite as N	EPA 353.2	AB92634	0.02	26-Feb-19 (LA)	0.04 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AB92740	0.10	28-Feb-19 (LA)	0.13 mg/l	
Total Suspended Solids	SM 2540D	AB92738	1	27-Feb-19 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0743

Customer: IPC, Inc.		**Project:** (MCC) Weekly EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:**	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/26/19	1145	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	02/26/19	1240
Received by			2/26/19	1240
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Valle Jr	2/26/19	1412

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing & executed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed by the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and expenses (including, but not limited to, attorneys' fees, litigation expenses and amounts arising in favor of Client or any third party as a result of, and/or in any way involving incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or characterization, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind and character. This indemnity does not apply to any of the foregoing losses, costs, damages, to matters caused solely by the active negligence or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, expert costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any legal action against or involving PCL or any indemnified person in connection with this agreement or as services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified at such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when invoice is completed is required for all new clients or until a history of payments and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (30) unless otherwise (30) days from date of invoice. To the extent a client pays (30) or more days after applicable law, any invoiced amount or the invoiced charge is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to PCL. Fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and a client authorized representative, except that subsequent to fees for additional services may be issued in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished to PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other intermediary capacity, for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party is entitled to rely on any data, information or reports. Client agrees, warrants, and agrees that said data, information and reports are not intended, or shall be used to solicit within connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any portion of other reporting to the holders of any security, the securing, solicitation, renewal, or extension of any loan from any financial institution or other holder of the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 72 hrs), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (excepting 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

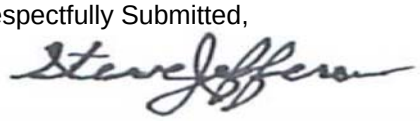
Attention: Ric Vardel
Report Date: 13-Mar-19 16:43
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19B0745-01) Collected: 26-Feb-19 By JL						
Biochemical Oxygen Demand	SM 5210B	AB92739	2	04-Mar-19 (SGS)	357 mg/l	
Total Suspended Solids	SM 2540D	AB92738	1	27-Feb-19 (SGS)	133 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0745

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** C. Q.	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	02/26/19	1040	1	TSS	Grab	AQ	1L P	4°C	
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Q.	Carlos Aguirre (Cpc)	02/26/19	1240
Received by	Ele	Cristo per	2/26/19	1240
Relinquished by				
Received by				
Relinquished by				
Received in lab by	Alex Walk Jr	Alex Walk Jr	2/26/19	1421

Sample Received Checklist

Temperature upon receipt: 4°C

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client shall not disclose to any third party any information concerning technical information, methods or reports or other communications.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys' fees (for a full plaintiff's recovery) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. loss of, damage to, loss of, or loss of use of property, and or 3. financial loss of every kind or character. The foregoing does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights which the clients might otherwise possess PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance it carries or is required by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) (Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, petrochemicals (oil/grease), bacteria or any other hazardous or toxic material, wastes and substances which are designated, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a simple disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotations or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due on or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is providing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not requested or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours, or allow PCL to meet holding times without applying a rush surcharge. For short holding times, 72 hours, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

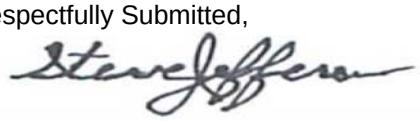
Attention: Ric Vardel
Report Date: 13-Mar-19 12:28
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0797-01) Collected: 27-Feb-19 By C. A.						
pH	SM4500-H-B	AB92805	0.1	27-Feb-19 (JC)	8.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92806	0.05	28-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92744	1.8	01-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92744	1.8	01-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0797

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by:	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/27/19	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	8.34 / 18.1°C
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (ABC)	02/27/19	11:30
Received by	ARMANDO OLMOS (ABC)	2/27/19	11:30
Relinquished by	ARMANDO OLMOS (ABC)	2/27/19	16:40
Received by			
Relinquished by			
Received in lab by	MARIO SANTIESTEBAN (PCL)	2/27/19	1640

Sample Received Checklist

Temperature upon receipt:	4°C
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Mar-19 12:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19B0817-01) Collected: 28-Feb-19 By C. A.						
pH	SM4500-H-B	AB92825	0.1	28-Feb-19 (PL)	7.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AB92824	0.05	28-Feb-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AB92804	1.8	02-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AB92804	1.8	02-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19B0817

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	02/28/19	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.8 / 20.5
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	02/28/19	11:17
Received by		Cindy Martinez PCL	2/28/19	11:17
Relinquished by		Cindy Martinez PCL	2/28/19	12:45
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	2/28/19	1245

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

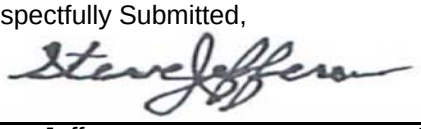
Attention: Ric Vardel
Report Date: 13-Mar-19 12:41
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0016-01) Collected: 01-Mar-19 By C. A.						
pH	SM4500-H-B	AC90226	0.1	01-Mar-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90117	0.05	01-Mar-19 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90112	1.8	03-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90112	1.8	03-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0016

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C. Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv	Field Data (pH / Temperature) pH: Field (Lab)
EFF	03/01/19	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.64/20.3
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name	(Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez	(SPE)	03/01/19	
Received by	Elg Carlos		PCL	3-1-19	1210
Relinquished by	Elg Carlos		PCL	3-1-19	1400
Received by					
Relinquished by					
Received in lab by				3-1-19	1400

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO -Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type PI- Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or her heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of these terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or conditions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the status and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results garnered by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data unless such disclosure was observed. PCL reports and communications prepared thereunder are for the exclusive use and benefit of client and client's agent. There shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning testing, information, software programs or other communications.

10. Hold Harmless

Client agrees to and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way or coming incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from customer handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence, tort or breach of contract by any subcontracted Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and our pre or post judgement interest), or any other expenses or costs incurred by client or any other party or any location against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples (materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, designated or identified as such under federal, state or local law) under PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any political or administrative interpretation of any thereof) the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law as well by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is entering services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 72 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

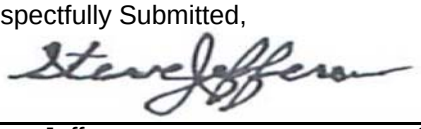
Attention: Ric Vardel
Report Date: 13-Mar-19 16:03
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0023-01) Collected: 02-Mar-19 By C. A.						
pH	SM4500-H-B	AC90229	0.1	02-Mar-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90321	0.05	03-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90225	1.8	04-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90225	1.8	04-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0023

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by:	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	03/02/19	0955	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.63/15.2c
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Anaya (CAEL)	03/02/19	0955
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	3/2/19	0955
Received by				
Relinquished by				
Received in lab by	Jordan Corkery	Jordan Corkery	3/2/19	11:20

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedules, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of written analysis for the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or constituents of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoice amount for said services. Client's acceptance of a proposal or work order and proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase order or contract.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and non-cancelable expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern each particular of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by Client or at Client's request or of the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such disclosure was beyond PCL's control and information provided thereto, due to the ordinary use and benefit of Client and Client agrees there shall be no third party beneficiaries of such reports, data or information. Client waives its right to any third party confidential information concerning testing information, software, processes or other such systems.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all actions, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all costs (the Litigation Expenses) and expert witness fees arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. [Insert disclaimer or limit of property and/or 3. Loss of damage to, loss of use of any of property, and/or 4. Personal loss of any kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether or not in whole or in part, or the performance of services under this agreement. The foregoing indemnities will be in addition to any rights that the client might have at law or in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be carried at by client, which insurance shall be in the minimum amounts required under applicable law. It is expressly PCL's desire to avoid all indirect, punitive, special, consequential or incidental damages and in no event shall PCL be liable to client for indirect, punitive, special, consequential or incidental damages, including, without limitation, loss of profit or business interruption, litigation expenses or attorneys' fees, including, without limitation, attorneys' fees, expenses, and any and all such damages, whether or not PCL has been advised of the possibility of such damages, and whether such damages are based on a claim or action by client or any other party, regardless of whether any such damages are sought for the breach or default of a contract, tort, negligence, strict liability, or any other theory of recovery, or otherwise in connection with this agreement or the services provided under this agreement even if client is the direct or third party beneficiary.

11. Hazardous Substances

For PCL to perform services requested by client, client will provide and PCL will utilize samples material. No employee, agent or subcontractor of PCL is authorized to perform any services involving hazardous materials or any other hazardous or dangerous activities, unless specifically authorized in writing by PCL. Client represents and warrants that it has complied with all applicable laws, rules, regulations and ordinances with respect to the disposal of any hazardous materials, substances or wastes removed from or brought to the site in connection with services performed hereunder. If PCL's personnel or subcontractors are exposed to unanticipated hazardous materials or conditions, PCL may withdraw from the project without any liability to client. Client agrees to indemnify and hold harmless PCL, its officers, employees, agents and subcontractors from any and all claims, losses, damages, liabilities and expenses, including but not limited to attorneys' fees and costs, arising out of or in connection with the presence, existence, handling, removal, disposal or exposure of persons to hazardous materials, substances or conditions in any form while under the client's possession or control, whether sole or concurrent or active or passive, or caused by the negligence or any other fault of PCL or any of its subcontractors.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or cash on delivery is required for all new clients or until credit of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If suspect amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and the clients authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or syndication of any securities, any pledge or other hedging to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender, or the participation in or connection with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of sample receipt delivered or scheduled or other data on weekends, without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A listing of holding times can be provided to the client if requested. All samples will be held for a minimum of 14 days or less. Samples will be held indefinitely if client requests PCL to keep holding times without special storage. At least holding times of 7 days, samples must arrive at PCL within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 24 hours or less will require a 4 hours drop off time in order to guarantee holding times are met. After hours, late delivery, freight company failure or other issues are subject to a handling fee and/or the inability to meet holding times. All holding times are effective as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is available upon request and long term storage is subject to an additional charge. Samples will be disposed of at the end of the applicable retention time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays in the collection of samples, or services rendered, are subject to additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Mar-19 16:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0030-01) Collected: 03-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC90325	0.1	03-Mar-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90426	0.05	04-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90324	1.8	05-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90324	1.8	05-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0030

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Julio Lesk	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03-03-19	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.59 / 18.8°C
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Julio Lesk	3-3-19	12:55
Received by	Jordan Corkery	3/3/19	12:55
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	3/3/19	14:43

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services consisting of sampling services and/or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Workstream (EAPS), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM), of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if laboratory or operational due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or associates to the client, arising out of or in connection with the services to be provided hereby, shall not exceed the invoiced amount for said services. Client expressly and unconditionally and forever releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the collection which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other communications.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, costs, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing to the extent any damages or injuries were caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall additionally apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or willful misconduct of client and its [illegible] Person, whether arising out of, or in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability or duty the client might otherwise have to PCL and the other indemnified persons. To the extent necessary, client shall waive, and agrees that its insurance carriers will be waive to the extent applicable, any subrogation rights to be exercised by them, which waivers shall be in the form of endorsements to client's applicable policies. In the event of PCL's inability to collect for indirect, punitive, consequential or special damages including, without limitation, loss of profit or business interruption (regardless of whether such damages are foreseeable), attorney's fees, court costs, and/or [illegible] judgment interest, or any other damages, in such amount incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement, or all services provided under this agreement, even if there is the prevailing party.

11. Hazardous Substances

[illegible] shall promptly notify PCL in writing if any samples submitted to PCL or analyzed contain hazardous substances such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials or any substances which are defined, designated or classified as hazardous, toxic or similar terms under federal, state or local laws. PCL is not responsible for any damages to client's property or any other damages caused by any hazardous substances which client fails to disclose to PCL in writing. Client shall indemnify and agrees that any costs incurred or received by PCL from disposal of client's samples shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples in accordance with PCL's standard practices. In the event the client does not timely or otherwise remind of disposal, PCL will return to the client all unused samples which client has made available. PCL reserves the right to charge the client for the reasonable storage of samples in accordance with PCL's normal sample disposal policy. In addition, all samples received by PCL for analysis hereunder, unless client has changed sample disposal [illegible] in accordance with PCL's normal sample disposal policy.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance is when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by [illegible] by applicable law, any amount unpaid after the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on any unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments of the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used by client in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of such securities, securing, amendment, renewal, or enforcement of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or other [illegible] days, without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less samples must arrive within 30 hours to allow PCL to meet holding times without charging a rush surcharge. All short holding times, [illegible] must be delivered to the lab within 24 hours prior to expiration or [illegible] to be run. Samples with holding times of 48 hours or less must be received by PCL within 36 hours. Shorter hours should be discussed on case by case basis to guarantee holding times are met. After hours, Sat delivery, freight company delays or similar issues are subject to additional rush fees and/or fee [illegible] to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Samples received by PCL [illegible] will be disposed of [illegible] unless client requests it be returned or sought other charge. Samples will be maintained [illegible] end of the groundwater storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or sample. If unnecessary delays during the pick up or sampling, might be an extended additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

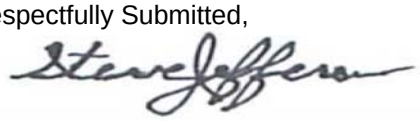
Attention: Ric Vardel
Report Date: 13-Mar-19 16:12
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0047-01) Collected: 04-Mar-19 By Customer						
pH	SM4500-H-B	AC90530	0.1	04-Mar-19 (PL)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90531	0.05	05-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90437	1.8	06-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90437	1.8	06-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 9C0047

(MCC) Daily EFF

Customer: IPC, Inc.		Project :	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: C. D.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/04/19	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.01 / 16.7°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (GSE)	03/04/19	1120
Received by		ARMANDO OLMOS (PHT/CLEN)	3/4/19	1120
Relinquished by		ARMANDO OLMOS (PHT/CLEN)	3/4/19	1600
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/4/19	1600

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

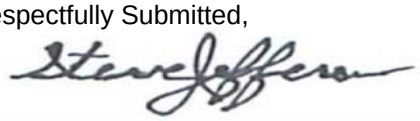
Attention: Ric Vardel
Report Date: 13-Mar-19 16:39
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0046-01) Collected: 04-Mar-19 By Customer						
Ammonia as N	EPA 350.1	AC90528	0.10	05-Mar-19 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AC90534	2	10-Mar-19 (VL)	<2 mg/l	
Nitrate as N	EPA 353.2	AC90532	0.02	05-Mar-19 (LA)	0.21 mg/l	
Nitrite as N	EPA 353.2	AC90532	0.02	05-Mar-19 (LA)	0.13 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AC90635	0.10	07-Mar-19 (LA)	0.33 mg/l	
Total Suspended Solids	SM 2540D	AC90529	1	05-Mar-19 (SGS)	1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0046

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:**	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/04/19	0930	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	03/04/19	1120
Received by		ARMANDO OLMOS (PATCHEM)	3/4/19	1120
Relinquished by		ARMANDO OLMOS (PATCHEM)	3/4/19	16:00
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/14/19	1600

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

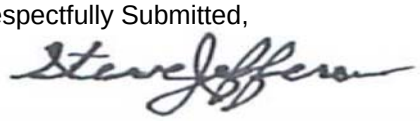
Attention: Ric Vardel
Report Date: 13-Mar-19 16:45
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19C0049-01) Collected: 04-Mar-19 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AC90534	2	10-Mar-19 (VL)	549 mg/l	
Total Suspended Solids	SM 2540D	AC90529	1	05-Mar-19 (SGS)	258 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0049

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** C.	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** ~~949-282-9067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	03/04/19	1010	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
~~Global ID: WDR100000359~~

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (PCL)	03/04/19	11:20
Received by		ARMANDO OLMOS (PATCHEM)	3/4/19	11:20
Relinquished by		ARMANDO OLMOS (PATCHEM)	3/4/19	16:00
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

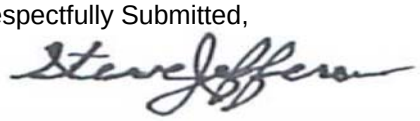
Attention: Ric Vardel
Report Date: 13-Mar-19 16:15
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0110-01) Collected: 05-Mar-19 By JA						
pH	SM4500-H-B	AC90543	0.1	05-Mar-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90542	0.05	05-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90533	1.8	07-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90533	1.8	07-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 190110

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-282-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	03/05/19	1040	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	03/05/19	
Received by		Edgar Cuevas pcl	3/5/19	1255
Relinquished by				
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (RV)	3/5/19	1705

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? Yes (No)

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Mar-19 20:26
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0123-01) Collected: 05-Mar-19 By JL						
Boron	EPA 200.7	AC90816	0.10	15-Mar-19 (AF)	0.45 mg/l	
MBAS	SM 5540C	AC90628	0.20	06-Mar-19 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AC90631	5	06-Mar-19 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AC91142	0.03	11-Mar-19 (LA)	0.10 mg/l	
Total Dissolved Solids	SM 2540C	AC90639	5	08-Mar-19 (EA)	1084 mg/l	
Chloride	EPA 300.0	AC90709	1.0	07-Mar-19 (AV)	234 mg/l	
Sulfate as SO4	EPA 300.0	AC90709	0.5	07-Mar-19 (AV)	327 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0123

Customer: IPC, Inc.		Project: (MCC) Monthly EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/05/19	1040	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	03/05/19	
Received by	EG Evans	per	3/5/19	1255
Relinquished by				
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/5/19	1906

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

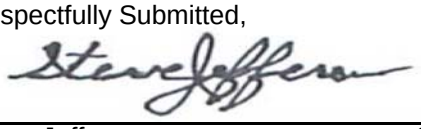
Attention: Ric Vardel
Report Date: 13-Mar-19 16:17
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0145-01) Collected: 06-Mar-19 By E.Garcia of PCL						
pH	SM4500-H-B	AC90644	0.1	06-Mar-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90647	0.05	06-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90636	1.8	08-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90636	1.8	08-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0145

Customer: IPC, Inc.

Project : (MCC) Daily EFF

Address: 9297 Research Drive, Irvine, CA 92618

Sampled by: C. Vardel

P.O. #:

Report Attention: Ric Vardel / Golan Kfir

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/06/19	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
1	1	1							
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Vardel	Carlos Vardel (ZAP)	03/06/19	
Received by	EB	Eduardo (PCL)	3.6.19	1340
Relinquished by	EB	Eduardo (PCL)	3.6.19	1443
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/6/19	1440

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
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(818) 639-5300 ph
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

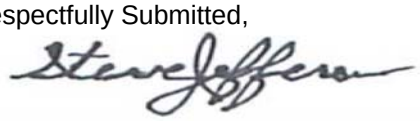
Attention: Ric Vardel
Report Date: 13-Mar-19 16:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0172-01) Collected: 07-Mar-19 By C. A.						
pH	SM4500-H-B	AC90804	0.1	07-Mar-19 (PL)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90807	0.05	08-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90713	1.8	09-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90713	1.8	09-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: MC0172

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by:	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/07/19	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	03/07/19	
Received by			3-7-19	1220
Relinquished by				
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/7/19	1349

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
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(818) 639-5300 ph
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

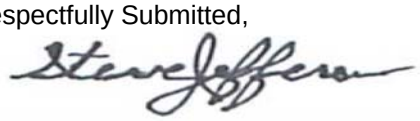
Attention: Ric Vardel
Report Date: 13-Mar-19 16:22
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0188-01) Collected: 08-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC90921	0.1	08-Mar-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90807	0.05	08-Mar-19 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90822	1.8	10-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90822	1.8	10-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0188

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C. Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	03/08/19	1055	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.55/17.5°C
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by C. Alvarez	Carlos Alvarez (SRC)	03/08/19	11:25
Received by	Armando Olmos (PATCHEM)	3/8/19	11:25
Relinquished by	Armando Olmos (PATCHEM)	3/8/19	14:30
Received by			
Relinquished by			
Received in lab by	MARIO SANTIESTEBAN (PCL)	3/8/19	1430

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO - Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
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(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

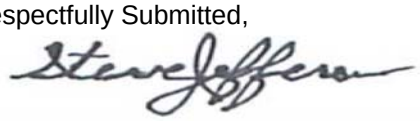
Attention: Ric Vardel
Report Date: 13-Mar-19 16:24
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0222-01) Collected: 09-Mar-19 By Golan Kfir						
pH	SM4500-H-B	AC90926	0.1	09-Mar-19 (JC)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC90925	0.05	09-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC90920	1.8	11-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC90920	1.8	11-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0222

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Golan Kfir	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	3/9/19	9:55	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.73 / 8.1°
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	3/9/19	10:00
Received by:			
Relinquished by: Jose L Gomez	Jose L Gomez	3/9/19	1017
Received by:			
Relinquished by:			
Received in lab by: Jordan Corkery	Jordan Corkery	3/9/19	11:40

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or restated from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboards (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made in a fashion consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's acceptance of a work order and our proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and around the sampling site and for advising PCL of the same and of information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder (Client to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL's reports and information provided thereon are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, or damages, claims, civil fines, causes of action, suits and consultant expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, or in connection with the performance of services by PCL pursuant to this agreement and/or the adulteration, marketing or disposal of client's characteristic materials: 1. injury, illness or death of persons 2. loss of, damage to, or use of any property of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of representations by client, client's employees, agents, or subcontractors, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights which the client might otherwise have at PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be maintained by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages, including without limitation, loss of profit or business interruption, litigation expenses or other fees (including without limitation attorney's fees, court costs, and fees for any appeal thereof), or any other judgement or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement. In all events, PCL's liability under this agreement even if client is the prevailing party.

11. Hazardous Substances

Prior to PCL to perform the services requested by client, client will provide and PCL will receive samples material(s) whatever such as asbestos, polychlorinated biphenyls, radioactive or any other hazardous or toxic material, wastes and substances which are defined, determined or prescribed as such under federal, state or local laws, rules, PCL's standard operating procedures, or regulations (collectively "Hazardous Substances"). Client understands and agrees that no facilities or service rendered by PCL from client or at client's premises, shall include the generation of Client and that upon completion of PCL's services, PCL will dispose of all or any of portions of samples as specified by client or by PCL's SOP/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Substances. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for the client's use of or reliance on data, information, or reports furnished by PCL. Client in ordering services hereunder for his own account, and not as agent or broker or in any other representative capacity for any other person or entity, is to agreed and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, expressly and agrees that such data, information and reports are not requested, or shall be used to induce upon in connection with or as part of, the purchase, sale, assignment, or distribution of any securities, any reference to or reporting to the holder of any security, the sending, amendment, renewal, or extension of any loan from any financial institution or other lender or the consideration by or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If for any reason we cannot meet the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be followed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours or more PCL to meet holding times without applying a rush surcharge. For most holding times, i.e. those samples not in excess of the 96 hours (4 days) before expiration, notify that they might have can be met. In the holding times of 48 hours or less it is very important delivered that same day in order to guarantee holding times are met. After hours, late deliveries, weekend delivery service or similar situations subject to additional conditions about the analyses to meet holding times. All holding times are verified at the preparation date of the lab schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is available. Pre-arranged long term storage is subject to monthly storage charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included in the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accepted an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

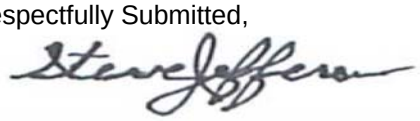
Attention: Ric Vardel
Report Date: 13-Mar-19 16:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0227-01) Collected: 10-Mar-19 By C.A.						
pH	SM4500-H-B	AC91126	0.1	10-Mar-19 (PL)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91127	0.05	11-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91021	1.8	12-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91021	1.8	12-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0227-0001

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	03/10/19	0950	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.67/18.9°
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C.	Carlos Alvarez (IPC)	03/10/19	13:05
Received by:	Jordan Corkery	03/10/19	13:05
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	Jordan Corkery	03/10/19	1458

Sample Received Checklist

Temperature upon receipt: 4°C

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity which requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board (CLARI), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the Recognized Standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or contractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assure PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern the performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples materials furnished by client or at client's request and the results rendered by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees it may shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning techniques, information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys' fees, litigation expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. It being the intent of the parties hereto that PCL shall not be liable to Client for any claims, liabilities or penalties resulting from Client's failure to comply with any laws, regulations or ordinances. Client shall indemnify and hold harmless PCL and its employees, officers, directors, agents, affiliates, subsidiaries and parent from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys' fees, court costs, and amounts paid in settlement and/or judgment, arising out of or in connection with the negligence, gross negligence or willful misconduct of Client, its employees, agents, contractors or subcontractors.

11. Hazardous Substances

It is PCL's practice to dispose of samples submitted by client and provide PCL will review samples submitted for analysis such as asbestos, polychlorinated biphenyls, explosives or any other hazardous or radioactive wastes and substances which are defined, designated or classified as such under federal, state or local laws. Each PCL customer representative (whether now existing or have that enacted or promulgated by any political or administrative organization of any kind or the International Maritime Dangerous Goods Code, as amended from time to time) and to which PCL shall operate in strict compliance with such laws. Client agrees to comply with all laws applicable to the handling, storage, treatment and disposal of Client's hazardous materials. PCL reserves the right to charge the client for the disposal of Client's samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bacterial analysis, shall not be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation, or the date the services were performed or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and its applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Clients authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished to Pat-Chem. In utilizing services hereunder for its own account and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not intended for, or shall be used to reject upon, in connection with or as part of the purchase, sale, underwriting, or in the offering of any securities, any portion or other interest in the ownership and leasing, the servicing, amendment, renewal or extension of any loan from any financial institution or other lender or the participation in or connecting with, directly or indirectly, any governmental agency or instrument.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason the turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding samples that are received expired or samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the Client if requested. All analytes with holding times of 72 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 24 hours, samples must arrive at the lab within 24 hours and we cannot guarantee that the holding times can be met. Short holding times of 48 hours or less, fractions of hours must be indicated (not 1 day) in order to guarantee holding times are met. Other hours, late delivery, freight company delays or other issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analytical data is reported. Samples will be held for longer periods if so requested. Prior to long term storage it is subject to an additional charge. Samples will be maintained at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been collected on the line item basis. A sufficient time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

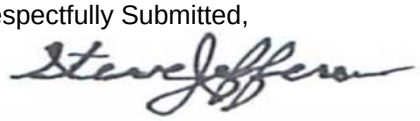
Attention: Ric Vardel
Report Date: 13-Mar-19 16:33
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0261-01) Collected: 11-Mar-19 By C.A.						
pH	SM4500-H-B	AC91235	0.1	11-Mar-19 (PL)	8.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91236	0.05	12-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91139	1.8	13-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91139	1.8	13-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/13/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0261

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C. Abarca	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/11/19	0945	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	8.1 / 18.7
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Abarca	Carlos Alvarez (PCL)	03/11/19	11:40
Received by		Cindy Martinez PCL	3/11/19	11:40
Relinquished by		Cindy Martinez PCL	3/11/19	5:11
Received by				
Relinquished by				
Received in lab by		MARIO SANTESTEBAN (PCL)	3/11/19	1511

Sample Received Checklist

Temperature upon receipt: _____
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

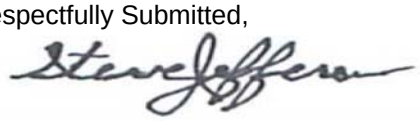
Attention: Ric Vardel
Report Date: 20-Mar-19 20:29
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0257-01) Collected: 11-Mar-19 By Carlos Alvarez						
Ammonia as N	EPA 350.1	AC91225	0.10	12-Mar-19 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AC91237	2	17-Mar-19 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AC91230	0.20	12-Mar-19 (LA)	2.64 mg/l	
Nitrite as N	EPA 353.2	AC91230	0.02	12-Mar-19 (LA)	0.06 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AC91334	0.10	14-Mar-19 (LA)	0.47 mg/l	
Total Suspended Solids	SM 2540D	AC91226	1	12-Mar-19 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0257

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive Irvine CA 92618	**Sampled by:** C. D.	**P.O. #:**	
	Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/11/19	0945	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. D.	Carlos Duran (IPC)	03/11/19	11:40
Received by		Cindy Martinez PCC	3/11/19	11:40
Relinquished by		Cindy Martinez PCC	3/11/19	311
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/11/19	1511

Sample Received Checklist

Temperature upon receipt: _____
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

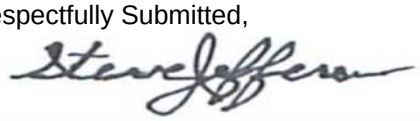
Attention: Ric Vardel
Report Date: 20-Mar-19 20:33
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19C0246-01) Collected: 11-Mar-19 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AC91237	2	17-Mar-19 (SGS)	418 mg/l	
Total Suspended Solids	SM 2540D	AC91226	1	12-Mar-19 (SGS)	167 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0246

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:**	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	03/11/19	0930	1	TSS	Grab	AQ	1L P	4°C	
1	1	1	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	03/11/19	11:50
Received by		Courier/Fedex	3/11/19	11:50
Relinquished by		Courier/Fedex	3/11/19	3:11
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/11/19	1511

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

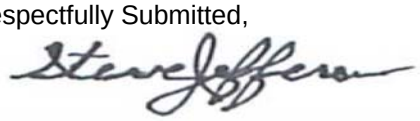
Attention: Ric Vardel
Report Date: 20-Mar-19 20:00
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0293-01) Collected: 12-Mar-19 By C.A.						
pH	SM4500-H-B	AC91235	0.1	12-Mar-19 (PL)	6.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91337	0.05	13-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91234	1.8	14-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91234	1.8	14-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1910293

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Golan Kfir	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	3/12/19	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name	(Company)	Date	Time
Relinquished by GK	Golan	IPC	3/12/19	11:35
Received by EG	Carvalho	PCL	3/12/19	1200
Relinquished by EG	Carvalho	PCL	3.12.19	1330
Received by				
Relinquished by				
Received in lab by	PCL		3-12-19	1330

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payments for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client-hazardous materials 1. injury, disease or death of persons 2. loss of, damage to, loss of, or use of property, and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance (coverages to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruptions. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any location against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls (PCB), radioactive materials, explosives, chemical warfare agents or any other hazardous or toxic chemical, wastes and substances which are defined, designated or classified as such under federal, state or local laws, rules PCL agrees

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

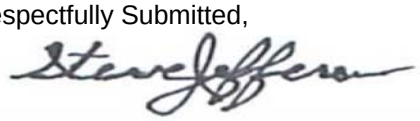
Attention: Ric Vardel
Report Date: 20-Mar-19 20:04
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0311-01) Collected: 13-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC91344	0.1	13-Mar-19 (JC)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91345	0.05	13-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91325	1.8	15-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91325	1.8	15-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0311

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:**	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/13/19	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarado (GRC)	03/13/19	
Received by	EG	Carlos (PCL)	3.13.19	1300
Relinquished by	EG	Carlos (PCL)	3.13.19	1500
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/13/19	1500

Sample Received Checklist 4°C

Temperature upon receipt: _____

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

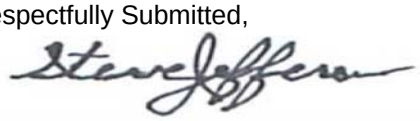
Attention: Ric Vardel
Report Date: 20-Mar-19 20:08
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0364-01) Collected: 14-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC91421	0.1	14-Mar-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91420	0.05	14-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91404	1.8	16-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91404	1.8	16-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0364

Customer: IPC, Inc.
Address: 9297 Research Drive, Irvine, CA 92618

Project: **(MCC) Daily EFF**

Sampled by: C. Lee

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	03/14/19	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4 / 18.0°C
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by:		Carlos Alvarez (IPC)	03/14/19	1203
Received by:		MARIO SANTIESTEBAN (PCL)	3/14/19	1203
Relinquished by:		MARIO SANTIESTEBAN (PCL)	3/14/19	1538
Received by				
Relinquished by				
Received in lab by:		MARIO SANTIESTEBAN (PCL)	3/14/19	1538

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	(Yes)	No
Samples intact?	(Yes)	No
Samples properly preserved?	(Yes)	No
Samples in holding time?	(Yes)	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

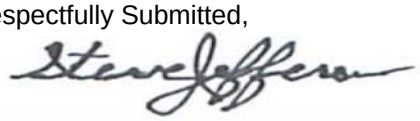
Attention: Ric Vardel
Report Date: 20-Mar-19 20:11
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0380-01) Collected: 15-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC91621	0.1	15-Mar-19 (JC)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91622	0.05	16-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91515	1.8	17-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91515	1.8	17-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0380

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/15/19	1035	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (CAE)	03/15/19	1200
Received by		Evan (PCL)	3.15.19	1200
Relinquished by		Evan	3.15.19	1400
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/15/19	1425

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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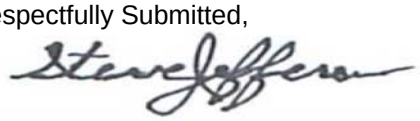
Attention: Ric Vardel
Report Date: 20-Mar-19 20:14
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0412-01) Collected: 16-Mar-19 By Golan Kfir						
pH	SM4500-H-B	AC91626	0.1	16-Mar-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91717	0.05	17-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91620	1.8	18-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91620	1.8	18-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0412

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	3/16/19	10:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.54
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	3/16/19	10:30
Received by:			
Relinquished by: Jose L Gomez	Jose L Gomez	3/16/19	10:30
Received by:			
Relinquished by:			
Received in lab by: Jordan Corkery	Jordan Corkery	3/16/19	11:29

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
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Cu -$CuSO_4$

Rev 2 Effective 5/1/17

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10. Hold Harmless

Client reserves and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from and against any and all liabilities, claims, damages, losses, demands, causes of action, suits and associated expenses, including, but not limited to, attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third parties as a result of, and/or in any way resulting directly or arising out of, or in connection with the performance and services by PCL pursuant to this agreement and/or in connection with handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing to the damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and the cost of appellate proceedings), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client or the prevailing party

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL subject to regulations (and the time existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials") Client understands and agrees that any hazardous materials owned by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for mycfall Bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's as provable price schedule in effect at the time of operations on the date the services were received or with price quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or where a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection expenditure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL or its clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or green lender or the verification of or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on Weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short holding times of 48 hours or less (Bacteria) 8 hours must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

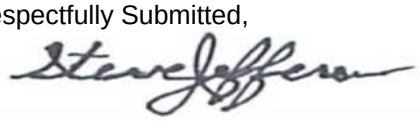
Attention: Ric Vardel
Report Date: 20-Mar-19 20:17
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0418-01) Collected: 17-Mar-19 By Golan Kfir						
pH	SM4500-H-B	AC91823	0.1	17-Mar-19 (PL)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91822	0.05	18-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91716	1.8	19-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91716	1.8	19-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 190418

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine CA 92618		Sampled by: C. Ja	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/17/19	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
(	(	)	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by:	Carlos Alvarez (IPC)	03/17/19	12:05
Received by:	Alex Walker Jr	3/17/19	12:05
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	Alex Walker Jr	3/17/19	1505

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°D

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payments for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way resulting, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party or any litigation related or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls (PCBs) or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, codes PCL acquires or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients to until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount owned at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the owing client will pay reasonable costs and attorney's fees or agency fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is providing services for review for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of private securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL will not be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, i.e. 72 hours, samples must arrive at the lab within 24 hours before weekends to make sure the holding times can be met. Short holding times of 48 hours or less (bacteriology) 8 hours must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for, at its sole, thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Mar-19 20:21
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0429-01) Collected: 18-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC91919	0.1	18-Mar-19 (PL)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC91920	0.05	19-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91829	1.8	20-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91829	1.8	20-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/20/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0429

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	Sampled by: C.	P.O. #:	
	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/18/19	0900	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alwan (IPC)	03/18/19	11 40
Received by	EG	Carlos PW	3.18.19	11:40
Relinquished by	EG	Carlos PCL	3.18.19	1245
Received by				
Relinquished by				
Received in lab by		MYRNA SANTIESTEBAN (PCL)	3/18/19	1245

Sample Received Checklist

Temperature upon receipt: 4°C

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

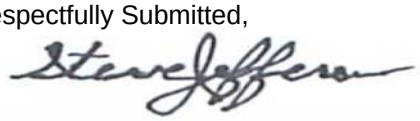
Attention: Ric Vardel
Report Date: 29-Mar-19 14:47
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19C0433-01) Collected: 18-Mar-19 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AC91923	2	24-Mar-19 (EG)	445 mg/l	
Total Suspended Solids	SM 2540D	AC91925	1	19-Mar-19 (EA)	153 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0433

Customer: IPC, Inc.		**Project:** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** C. Q.	**P.O. #:**
Irvine CA 92618		**Report Attention:** ~~Ric Vardel / Golan Kfir~~	**Phone #:** ~~949-382-0067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	03/18/19	0845	1	TSS	Grab	AQ	1L P	4°C	
1	1	1	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
~~Global ID: WDR100000359~~

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Q.	Carlos Alvarez (PCL)	03/18/19	1140
Received by	EB	[illegible]	3.18.19	1140
Relinquished by	EB	[illegible]	3.18.19	1245
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/18/19	1245

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH
Matrix AQ - Water SO - Soil / Sludge OT - Other	ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

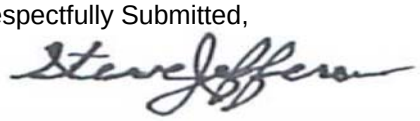
Attention: Ric Vardel
Report Date: 21-Mar-19 15:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0459-01) Collected: 19-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC92039	0.1	19-Mar-19 (PL)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92047	0.05	20-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC91928	1.8	21-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC91928	1.8	21-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/21/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0459

Customer: IPC, Inc.

Project : **(MCC) Daily EFF**

Address: 9297 Research Drive
Irvine CA 92618

Sampled by:

P.O. #:

Report Attention: Ric Vardel / Golan Kfir

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/19/19	1030	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.54
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	03/19/19	
Received by	EG	PCL	3/19/19	1245
Relinquished by	EG	PCL	3/19/19	1400
Received by				
Relinquished by				
Received in lab by		MARCO SANTIESTEBAN (PCL)	3/19/19	1400

Sample Received Checklist

Temperature upon receipt: 4°C

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

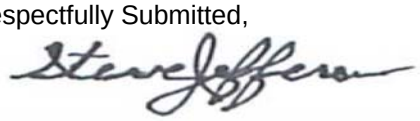
Attention: Ric Vardel
Report Date: 22-Mar-19 14:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0491-01) Collected: 20-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC92104	0.1	20-Mar-19 (PL)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92057	0.05	20-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92049	1.8	22-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92049	1.8	22-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/22/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 190491

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	**Sampled by:** C.	**P.O. #:**	
	Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/20/19	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (IPC)	03/20/19	
Received by	EL		3/20/19	1150
Relinquished by	EL		3/20/19	1345
Received by				
Relinquished by				
Received in lab by			3.20.19	1345

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was met. With PCL reports and information provided means are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information, including technical information, software, processes or other procedures.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, attorneys fees (for litigation, arbitration and appeals), asserted in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. claim of damage to, loss of, or loss of use of property; and/or 3. any violation of every kind of the same. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, the indemnity of all specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, expert costs, and for pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of each order's or the date the services were rendered or as the most current and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due upon which services is performed is received for all new clients, or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30DAYS which is 30 Days from date of invoices. To the fullest extent permitted by or as allowed by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the rate of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If the said amount is not settled through legal proceedings or by an amicable, the client shall pay reasonable collection and attorney's fees or specific fees associated with such collection irrespective of others.

13. Agreement Modification

Changes, modifications or amendments to this contract shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Verbal changes subsequent to fees for additional services may be invoiced at the time.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. PCL and its personnel services hereunder for the sole benefit, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turn around time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours or above PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria 6-8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the ability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample receipt for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, may be processed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

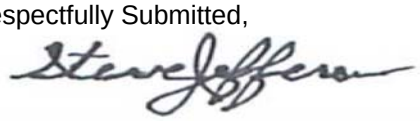
Attention: Ric Vardel
Report Date: 29-Mar-19 14:20
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0532-01) Collected: 21-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC92213	0.1	21-Mar-19 (JC)	6.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92214	0.05	22-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92118	1.8	23-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92118	1.8	23-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1905532

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C.	
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	P.O. #:
			Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/21/19	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	6.30
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarado (CA)	03/21/19	1200
Received by	Eli	Eli Cuevas PCL	3.21.19	1200
Relinquished by	AB	Cuevas PCL	3.21.19	1410
Received by				
Relinquished by				
Received in lab by		MARIO SANTIESTEBAN (PCL)	3/21/19	1410

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C
of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

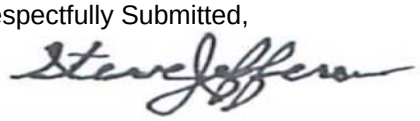
Attention: Ric Vardel
Report Date: 29-Mar-19 14:23
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0572-01) Collected: 22-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC92328	0.1	22-Mar-19 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92327	0.05	23-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92212	1.8	24-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92212	1.8	24-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1910572

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by:	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/22/19	1030	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Rivera (IPC)	03/22/19	
Received by		MV	3.22.19	1220
Relinquished by		MV	3.22.19	1330
Received by				
Relinquished by				
Received in lab by		MV	3.22.19	1330

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or restated from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including all analysis of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in this profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), ("A Work Natural (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM), or the Examination of Water and Wastewater, or other similar recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work sheet and /or analytical releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase order or contract.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the nature and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and cost of packet expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials submitted by client or its clients's consult and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information or guided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information including technical information, software programs or other item without

10. Hold Harmless

Client indemnifies and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, recoverable causes of action, suits and associated expenses (including, but not limited to all costs (less the Litigation Expenses) and awards arising in favor of Client or asserted each as a result of, and/or in any way ongoing incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or in connection handling or disposal of client's hazardous materials: 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property, and or 3. Financial loss of every kind or character. The indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any subcontractor hereto, whether actual or alleged, in the performance of services under this agreement. The following schedules will be applicable to any liability which the client might incur or have in PCL and the other indemnified persons: To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts prescribed under applicable law. In no event shall PCL be liable to client for any lost, business, agency, incidental or consequential damages (including, without limitation, loss of profit or business interruption), litigation expenses or attorneys fees (including, without limitation, attorney's fees, court costs, and out of pocket expenses incurred by any other party in any way connected with any action, suit or other legal proceeding which is brought by client or any other party, in any way arising out of or relating to this agreement, regardless of whether such damages were foreseen or unforeseen, in connection with this agreement, except solely to the extent that such damages are caused by the gross negligence or willful misconduct of PCL.

11. Hazardous Substances

As PCL is permitted, the services requested by client, client and possibly and PCL will receive samples or materials for analysis (such as asbestos, polychlorinated biphenyls, lead or any other hazardous or toxic substance, wastes and substances which are regulated, controlled or identified as such under federal, state or local laws, rules, PCL advises or requests) (collectively, the "Hazardous Materials"). Client represents and agrees that any Hazardous Material received by PCL from client or its client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or as PCL's QA/QC policies. In the event the client does not specify, or client's request is unclear, PCL will return to the client all unused samples which contain less than 1 liter/quart. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any of bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account may have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of agents' fees as determined and such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services for/under for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party shall rely on such data or information or reports. Client represents, warrants, and agrees that said data, information, and reports are not required to, shall be used to recognized, incorporated within or part of, the purchase, sale, underwriting, or distribution of any securities, the securing, extension, renewal, or extension of any loan from any source of institutional or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after work or improperly collected prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to all samples being received by PCL. A list of holding times can be provided in the event if requested. All samples with holding times of 14 days or less, samples must arrive within 24 hours of collection for PCL to meet holding times, unless otherwise specified and accepted by PCL. All short holding times (i.e. 15 minutes, 24 hours, 48 hours, etc.) or samples of the lab within 24 hours of collection, it is the client's responsibility to ensure that the holding times can be met. Short holding times of 48 hours or less (72 hours in some cases) must be discussed with PCL prior to sampling to guarantee holding times are met. After hours, the weekend, holiday delivery of samples could result in holding times being exceeded. Samples received outside of business hours are subject to additional fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for 30 to 60 days (30 days after results have been completed). Sample storage for longer periods is by request only. Long term storage may require an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/shipping fees have been defined in our fee schedule. Reasonable time has been estimated for each pick up or delivery. Unnecessary delays during the pick up or sampling (such as an attempted redelivery for

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

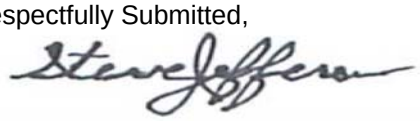
Attention: Ric Vardel
Report Date: 12-Apr-19 15:15
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0571-01) Collected: 22-Mar-19 By Carlos Alvarez						
Ammonia as N	EPA 350.1	AC92524	0.10	25-Mar-19 (SGS)	0.56 mg/l	
Biochemical Oxygen Demand	SM 5210B	AC92532	2	30-Mar-19 (EG)	2 mg/l	
Nitrate as N	EPA 353.2	AC92221	0.02	22-Mar-19 (LA)	1.02 mg/l	
Nitrite as N	EPA 353.2	AC92221	0.02	22-Mar-19 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AC92527	0.10	26-Mar-19 (LA)	1.32 mg/l	
Total Suspended Solids	SM 2540D	AC92531	1	25-Mar-19 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 196571

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C.	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/21/19		1	TSS	~~Grab~~ Composite	AQ	1L P	4°C	
	03/22/19	1030	1	NH4, TKN	Grab	AQ	500 P	HS	
	03/22/19	1030	1	NO2, NO3	Grab	AQ	500 P	4°C	
	03/21/19		1	BOD	~~Grab~~ Composite	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Rivera (IPC)	03/22/19	
Received by	EC	[illegible]	3.22.19	1220
Relinquished by	EC	[illegible]	3.22.19	1330
Received by				
Relinquished by				
Received in lab by			3.22.19	1330

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? ~~Yes~~ No

Samples intact? ~~Yes~~ No

Samples properly preserved? ~~Yes~~ No

Samples in holding time? ~~Yes~~ No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
~~Grab~~ Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	Al - $AlCl_3$
VOA - 40 ml Vial	Cu -$CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may offer services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement by or bound to these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or as client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or court process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such disclosure was beyond PCL's reasons and information provided thereon are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or processes or other intellectual

10. Hold Harmless

Client releases and will save, indemnify, defend and hold PCL, having been, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and expenses including, but not limited to, attorneys fees (the obligation to indemnify and hold harmless shall apply whether Client or any third party acts as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, pollution or loss of use of property and/or 3. Environmental harm of every kind or character. This indemnity shall apply to any of the foregoing losses, costs, damages or expenses caused solely by the active negligence or willful misconduct of PCL or its employees. Further, and consistently with, if not limited by, law, claims, damages, penalties of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest)), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order by PCL. Prices are subject to change at any time without notice. Payment in advance or when services are completed is required for all new clients or until a history of payment and credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET EOM within thirty (30) days from date of invoice. To the fullest extent permitted by all applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate recommended by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred to a collection agency or attorney, the client shall pay reasonable collection and attorney's fees or expenses both associated with such collection proceedings or efforts.

13. Agreement Modification

Changes in specifications or acceptance of offers to the terms shall be effective only in writing and executed by an officer of PCL and the client authorized representative. Unless otherwise subsequent orders for additional services may be given by or to agents.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports will not be used in, or shall be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or all distribution of any securities, any periodic or other reporting to the holders of any securities, the securities, advertisement, removal or extinguishment any bank loan any financial obligation or other lender or the satisfaction of or operating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (excluding 0 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

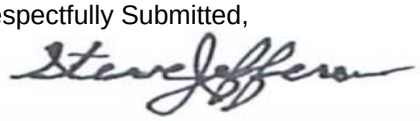
Attention: Ric Vardel
Report Date: 12-Apr-19 15:20
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19C0573-01) Collected: 22-Mar-19 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AC92532	2	30-Mar-19 (EG)	377 mg/l	
Total Suspended Solids	SM 2540D	AC92531	1	25-Mar-19 (EA)	98 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1960573

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** C.	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	03/21/19		1	TSS	Grab	AQ	1L P	4°C	
"	"		1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (IPC)	03/22/19	
Received by	EC		3-22-19	1220
Relinquished by	EC		3-22-19	1330
Received by				
Relinquished by				
Received in lab by			3-22-19	1330

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any amendments or additions which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consisting of sampling services and PCL's (PCL, successors, assigns) and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule or such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers expressly accepts orders for sales as (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which incorporates the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Order of Services (SOC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions appearing in a client's document shall be deemed to be or form a part of the contract (each such acceptance of the terms and conditions).

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession where applicable. PCL will use such reasonable efforts which are in accordance consistently with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (TCLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (6th) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or characteristics of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The entire liability of PCL, its officers, agents, employees or its servants to the client, arising out of or in connection with the services to be provided hereto, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the safety and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples to be taken provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has told to pay PCL for all services rendered to it, otherwise in regard to the agreements subject to, or client is required by law or legal process and shall use the same standard of care it uses in protecting its own confidential data and information, but shall not be responsible for unauthorized disclosure of such data which cannot be prevented by PCL's exercise of such standard of care. PCL shall use such information for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose any PCL's advisory information concerning technical information, price and specifics or other terms of work.

10. Hold Harmless

Client agrees and does hereby indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all claims, losses or damages, costs, liabilities, lawsuits or actions, suits and reasonable attorneys' fees, including, but not limited to, those that are brought or asserted and awarded arising in favor of client or any third party or a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and transportation, handling or disposal of client's hazardous substances, including, but not limited to, death of persons, property damage, injury, or loss of use or power to enjoy. A financial loss of every kind of client for any reason does not qualify as any of the foregoing unless such damages or injuries are caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not apply to claims, damages, actions or causes of action arising out of or in connection with the negligence of or willful misconduct by any employee, agent or representative of PCL, whether active or passive, in the performance of services under this agreement. The foregoing indemnities are to be mutual. In any case to which the client might otherwise have to indemnify PCL and the same indemnified herein. To the extent that any party would claim that, under Texas law, this indemnity provision will be supported by adequate consideration, it shall be furnished by client, which is acknowledged to be in the amount of $100.00 (a nominal sum) unless otherwise set forth in the invoice. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages, including without limitation, loss of profits or revenues, increased operation expenses or other, including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any manner against or involving PCL or any indemnified person in connection with this agreement or as otherwise provided under this agreement, even if injury to the prevailing party.

11. Hazardous Substances

For PCL to perform the services required by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (or other new existing or hereafter enacted or promulgated) (collectively "Hazardous Materials"). Client understands and agrees that any Hazardous Materials received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for aquatic bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion on the date the services are performed unless prices are fixed and quoted and in writing. The price schedule is subject to change at any time without notice. A current schedule of rates and prices is incorporated by reference herein. Client shall pay PCL for all services rendered to it otherwise in accordance with PCL's then-current credit and collection policies. Client shall pay PCL's invoices within thirty (30) days from the date of invoice. Time is of the essence with respect to payment. Unless otherwise agreed to in writing, all payments must be made in US dollars. Payments must be made by check or wire transfer. All payments are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are given to a collection agency or an attorney, the client shall pay reasonable costs and attorney's fee in regard to the collection and collection of same.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client and shall reference this agreement. Oral or other communications between PCL and client shall not be binding.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished to PCL. Client is retaining services hereunder for its own account, and not as agent or broker or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no 3rd party may rely on conclusions, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended for, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or syndication of any securities, any periodic or other reporting to the issuer of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged or authorized. If, for any unforeseen reasons, the turn-around time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded in cases of samples that are received on weekends or short holiday weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All three hour times, 2-7 days samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria) is however, must be delivered the same day in order to guarantee holding time can be met. After hours, late delivery, weekend delivery or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the preparation date of the lab sample and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Samples storage for longer periods is to be agreed on by the assigned long term storage is subject to an additional charge. Samples will be discarded at the end of the prior arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Free sample bottles have been stocked for easy and quick service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-Mar-19 14:26
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0584-01) Collected: 23-Mar-19 By Carlos Alvarez						
pH	SM4500-H-B	AC92331	0.1	23-Mar-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92333	0.05	23-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92326	1.8	25-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92326	1.8	25-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0584

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: C.	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	03/23/19	0850	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.54/4.5
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (CPL)	03/22/19	1020
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	3/23/19	1020
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	3/23/19	11:23

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4c

of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviation(s), if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, use of, or loss of use of property and or 3. Financial loss of every kind of character. This duty shall likewise apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverages to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and cost pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of when analysis is completed is required for all new clients or with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by Clients authorized representative, except that... subsequent written additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any Securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the syndication to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any work is being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, (7 days), samples must arrive at the lab within 24 hours. Please advise client to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria) 24 hours must be received that same day in order to guarantee holding time requirement. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for a period ninety (30) days after analysis has been completed, unless storage for longer periods is the request only. Any arrangements for storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been initiated on the fee schedule. Reasonable time has been provided for each pick up or service. If unnecessary delays during the pick up or sampling might be invoiced an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

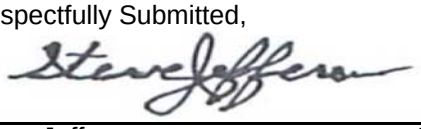
Attention: Ric Vardel
Report Date: 29-Mar-19 14:29
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0589-01) Collected: 24-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC92426	0.1	24-Mar-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92517	0.05	25-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92425	1.8	26-Mar-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92425	1.8	26-Mar-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1960589

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: JULIO LEDZ	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	032419	07:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5/4.5°
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEDZ	3-24-19	11:15
Received by	Jordan Corkery	3-24-19	11:15
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	3/24/19	12:26

Sample Received Checklist

Temperature upon receipt: _____

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or Client has ceased to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client which insurance shall be as the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by Client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL is direct or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials") Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a simple disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or instrument.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without accruing a rush surcharge. All short holding times, i.e. 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) will not be allowed that will be day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prolonged storage (30+ days) is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling process may result in additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

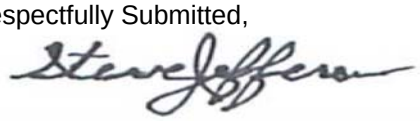
Attention: Ric Vardel
Report Date: 29-Mar-19 14:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0620-01) Collected: 25-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC92620	0.1	25-Mar-19 (PL)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92622	0.05	26-Mar-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92529	1.8	27-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92529	1.8	27-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1410620

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C. O.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/25/19	1050	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. O.	Carlos Alvarez (Cpd)	03/25/19	
Received by		Jairo Mendez	3-25-19	1:10PM
Relinquished by		Jairo Mendez	3-25-19	1:10PM
Received by				
Relinquished by				
Received in lab by			3.25.19	1310

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Condition" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, something of sampling services and which its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule in such document may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL will serve as an independent contractor in performing all services.

3. Orders and Acceptance

PCL agrees and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which shall supersede the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL, any such order (or Statement of Work) or other document executed by the Client or PCL's affiliate to do business with the Client under the Terms and Conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. Any additional terms and conditions contained in a Client's quotation shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care prevalent in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (USP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services, notwithstanding any provisions to the contrary in any client quotations or terms of contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the decision which the samples are collected and for conditions in and about the sampling site and for acquiring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable price schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and final sample materials provided to client or at client's request and the results obtained by PCL shall be kept in confidence (unless such information is generally available to the public or to the public domain or client is required to pay PCL for all services rendered). All information provided in this agreement subject to any statutory laws governed by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and client's in the responsible for unauthorized disclosure of such data using such standard use allowed by PCL reports and information provided pursuant to this agreement unless client gives PCL written authorization to release information to specified third parties or upon request by regulatory agencies. Please indicate your confidentiality.

10. Hold Harmless

Client agrees and shall save indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses, damages, liability, costs, demands, causes of action, suits and reasonable expenses (including, but not limited to, attorneys' fees), arising out of, or resulting from the negligence, recklessness and/or willful misconduct of Client or any third party as a result of, or in any way relating to the testing, sampling, handling, or transportation of the samples by PCL pursuant to this agreement. Client shall not be liable for any claims, losses, damages, expenses or costs to the extent caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity is specifically made to cover claims, damages, losses or costs and shall include reasonable attorneys' fees and costs incurred by PCL in connection with the negligence or misconduct of Client or any of its employees, agents or subcontractors, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the law might otherwise have in favor of the other indemnified persons. To the extent necessary, to the maximum extent permitted by law, Client expressly waives any right or claim that it may have to indemnification and/or contribution from PCL with respect to any claim for which Client is required to indemnify PCL hereunder. Client shall not be liable to PCL and the other indemnified persons for consequential damages (including without limitation, loss of profits or business interruption, litigation expenses or other miscellaneous damages), without limitation, attorney's fees, court costs, and/or any expert judgment amounts, or any other expenses or costs incurred by Client or another party in any respect, relating to or resulting PCL or any indemnified person in connection with this agreement or services provided under this agreement, even if Client is made aware of such costs.

11. Hazardous Substances

Prior to or to perform the services requested by client, client will provide PCL with any and complete information regarding the presence of hazardous materials (as defined below) in the samples, including, but not limited to, any known or suspected hazardous, radioactive or explosive materials, and any other relevant information regarding the samples which are known to client. Client agrees that any samples or materials provided to PCL by client or on client's behalf shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis are the property of client and be charged a sample disposal fee, per sample basis, that in accordance with our SOP/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation or on the date the services were rendered or such prices mutually and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is required unless credit has been established with PCL. For those clients with an established credit account, payments for services of charges are NET 30th calendar month 30 days from date of invoices. To the fullest extent permitted by law, any amounts unpaid after 30 days shall accrue interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred to collection agency or attorney, the client shall pay reasonable collection and attorney's fees as well as any associated costs with collection procedure or litigation.

13. Agreement Modification

No part, modification or amendments to the Terms shall be effective unless in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's consulting services hereunder are for its own benefit, and not as agent or trustee for any other person or entity. It is hereby acknowledged that there are no third party beneficiaries to this agreement, and that no third party shall rely on any work, information or reports. Client represents, warrants and agrees that said data, information and reports are not intended, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or syndication of any securities, any variable or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or conducting such activity or in relation with any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for samples or analyses that are delivered or received after 5pm on weekdays without prior notification and arrangement. Standard holding times and storage conditions should be reviewed prior to any services being initiated by PCL. Lists of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours of collection. PCL in most holding times within a variety of ways, some at no charge. All short holding times, 0-3 days, samples must arrive at our lab within 24 hours. Before you wish to inquire that the holding times can be met. Short holding times of 48 hours or less (such as 6 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, weekend turnaround delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days from analysis has been completed. Sample storage for longer periods to be removed only if arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-set storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-Mar-19 14:33
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0638-01) Collected: 26-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC92737	0.1	26-Mar-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92738	0.05	27-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92630	1.8	28-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92630	1.8	28-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0638

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		Sampled by: C. Alvarez	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/26/19	1150	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name	(Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez	(CAS)	03/26/19	1210
Received by	EG	Golan G	PCL	3/26/19	1210
Relinquished by	EG	Golan G	PCL	3/26/19	1320
Received by					
Relinquished by					
Received in lab by		MARIO SANTESTEBAN	(PCL)	3/26/19	1320

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-Mar-19 14:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0672-01) Collected: 27-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC92749	0.1	27-Mar-19 (JC)	7.0 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92815	0.05	28-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92736	1.8	29-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92736	1.8	29-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 3/29/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1960672

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by:	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/27/19	1010	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.03/20.2°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CPC)	03/27/19	11:15
Received by		Armando Olmos (PAT-CHEM)	3/27/19	11:15
Relinquished by		Armando Olmos (PAT-CHEM)	3/27/19	12:40
Received by				
Relinquished by				
Received in lab by		PC	3-27-19	1240

Sample Received Checklist 4

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity which may request laboratory services, including or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or restated from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished to PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EPA Contract Laboratory Program (CLP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a quote and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions on and about the sampling site and for advising PCL of the same and all information provided to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payments for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement if such events exceed its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has given to PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client acknowledges that PCL's data and information concerning testing, information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigation expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this Agreement and/or transportation or handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or wilful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any claims which the client might otherwise have to PCL and the other Indemnified Persons. To the extent mandatory state applicable law does not permit the indemnity obligation to be calculated by applying Louisiana comparative fault principles, the indemnity obligation of client will instead be limited to the maximum amount permitted under applicable law. In no event shall PCL be responsible to client for indirect, punitive, special, incidental or consequential damages (including without limitation, lost profits or business opportunities, litigation expenses or costs, loss of data, contract termination, property damage or claims, and regardless of whether PCL was advised of the possibility of such losses) in connection with this agreement or any other agreement, quote or purchase order between any party and any subsidiary, agent or employee of PCL or any independent contractor hired by PCL to perform services in connection with this agreement or any other agreement, quote or purchase order. The agreements and obligations of client under this agreement shall survive the expiration or termination of this agreement.

11. Hazardous Substances

For PCL to perform the services requested by client, client and any of client's agents or employees must inform PCL in writing and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, explosive or any other hazardous or toxic material, whether a substance which is defined as hazardous, dangerous or considered toxic under federal, state or local laws. Unless PCL advises or negotiates otherwise prior to client's execution of a chain of custody or any subsequent agreement, client agrees that any material you transmit to PCL for analysis or testing is not hazardous and agrees that any hazardous material is not transmitted to PCL from client or client's agents, employees or representatives. Client agrees that upon completion of PCL's services, PCL will dispose of all unused portions of samples not consumed by client at PCL's option, unless the client specifies in writing its preferred method of disposal. PCL will return to the client all unused samples which contain flammable substances. PCL reserves the right to charge the client for the reasonable expenses incurred in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for aseptic bacterial analysis should not be changed. A sample disposal fee, commonly customized, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of when analysis is completed is required for all new clients or upon creation of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount owed on the due of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or penalties associated with such collection procedure or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting, services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or qualification of any securities, and periodic or other reporting to the holders of any security, the issuance, amendment, renewal or extension of any loan, and to refrain from any attempt to solicit, sell, or to solicit any investment in connection with directly or indirectly any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and shall be at exception rationale. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered or received or after 5pm on weekdays without prior notification and acceptance. Standard holding time and storage conditions should be followed upon the samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 96 hours of the PCL to meet holding times without incurring a rush surcharge. On short holding times, 3 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. In all holding times of 48 hours or less, samples must arrive within one day of collection to guarantee holding times are met. After hours, like delivery, is infrequently utilized as certain clients are subject to additional costs they assume the liability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. For prolonged time storage or subject to an additional charge. Samples will be disposed of at the end of the 30 day storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included in the fee schedule. A sample pick up fee has been assigned for each pick up or service. Unnecessary delays during the pick up or sampling (flights, or assessed additional fee

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

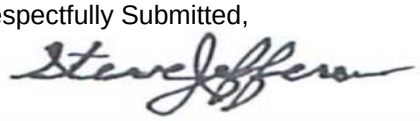
Attention: Ric Vardel
Report Date: 12-Apr-19 15:33
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0697-01) Collected: 28-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC92825	0.1	28-Mar-19 (JC)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC92912	0.05	29-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92814	1.8	30-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92814	1.8	30-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0697

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	3/28/19	11:08	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.7 / 7.2
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	3/28/19	11:12
Received by:	Cindy Mapping PCL	3/28	11:46
Relinquished by:	Cindy Mapping PCL	3/28/19	12:54
Received by:			
Relinquished by:			
Received in lab by:	MARIO SANTIESTEBAN (PCL)	3/29/19	1254

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

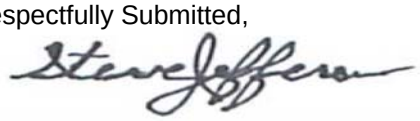
Attention: Ric Vardel
Report Date: 12-Apr-19 15:43
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0737-01) Collected: 29-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC93025	0.1	30-Mar-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC93024	0.05	30-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC92911	1.8	31-Mar-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC92911	1.8	31-Mar-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0737

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C.	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/29/19	0850	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Rivera	(IPC)	03/29/19	
Received by	EG	Gurl	3/29/19	1150
Relinquished by	EG	Gurl	3/29/19	1350
Received by				
Relinquished by				
Received in lab by			3.29.19	1350

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodology in which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to law, disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of Client and Client agrees that it will be entitled solely to rely on any of PCL's reports, data or information. Clients will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and will save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries, and parent harmless from and against any and all claims, losses, damages, claims, demands, causes of action, suits and consequent expenses, including, but not limited to, all court fees (the litigation Expenses) and awards arising in favor of Client or any third party, as a result of, arising in any way arising in part or wholly out of, or in connection with the performance of services by PCL pursuant to this agreement and/or thereafter, handling or disposal of client's hazardous materials, injury, disease or death of persons or loss of, damage to, physical or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages and costs of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party, in any filing claim against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (wastes) now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or upon a history of payment and/or credit acquired has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of the invoice. To the fullest extent permitted by law or applicable law, any amount subject to the end of thirty (30) days is subject to interest at an annual rate of the lesser of one and one half percent (1.5%) per month or the highest interest allowed at such rate collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in seeking such collection and all court proceedings or efforts.

13. Agreement Modification

No change, modification or amendment to the terms shall be effective or binding and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished to PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that no data, information and reports are intended for, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or syndication of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 8pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided on the client if requested. All analyses with holding times of 14 days or less (analysis is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Apr-19 15:40
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0736-01) Collected: 29-Mar-19 By Carlos Alvarez						
Ammonia as N	EPA 350.1	AD90123	0.10	01-Apr-19 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AC92914	2	03-Apr-19 (EA)	2 mg/l	
Nitrate as N	EPA 353.2	AC92917	0.02	29-Mar-19 (SGS)	1.29 mg/l	
Nitrite as N	EPA 353.2	AC92917	0.02	29-Mar-19 (SGS)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AD90126	0.10	02-Apr-19 (LA)	0.82 mg/l	
Total Suspended Solids	SM 2540D	AD90133	1	01-Apr-19 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1910736

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive, Irvine, CA 92618		**Sampled by:** C. [illegible]	**P.O. #:**
		Report Attention: Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	03/28/19		1	TSS	[redacted] Composite	AQ	1L P	4°C	
	03/29/19	0850	1	NH4, TKN	Grab	AQ	500 P	HS	
	03/29/19	0850	1	NO2, NO3	Grab	AQ	500 P	4°C	
	03/28/19		1	BOD	[redacted] Composite	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. [illegible]	Carlos Alvarez (IPC)	03/29/19	
Received by	EB [illegible]	[illegible]	3/29/19	1150
Relinquished by	EB [illegible]	[illegible]	3/29/19	1350
Received by				
Relinquished by				
Received in lab by	[illegible]	[illegible]	3.29.19	1350

Sample Received Checklist

Temperature upon receipt: 4

of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes it an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA WaterBoard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material's provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any processor required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and Client agrees that it shall not (or third party beneficiary of PCL reports, data or information, Client) will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and any costs and expenses, including, but not limited to all court fees (plus litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to or arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, loss and/or death of persons 2. Loss of, damage to, use of, or loss of use of property and/or 3. financial loss of every kind. (If that were. This indemnity shall not apply to any of the foregoing losses, costs, damages or incident caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, liabilities of every kind and character arising out of or in connection with the negligence or acts or omissions of client or any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified at such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for aerobic bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance when analysis is completed is required for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted or as all by applicable law, any amount unpaid to the said amounts (30) days or subject to interest at the lesser of the maximum rate permitted by law, or one and one half percent (1.5%) per month on the unpaid balance. If a past amounts are collected through legal proceedings by our attorney, the client or all can include reasonable costs and attorney's fees (or specify) for the consistent with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting solely responsible for his own account, and not as agent or broker or in any other representative capacity for any other person or entity. It is expressly acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not reasonable or shall be used to rated upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the Related of any security, the passing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or syndicating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the Client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (fecal coli 8 hours) must be delivered that same day or prior to guarantee holding times at client. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

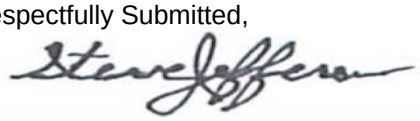
Attention: Ric Vardel
Report Date: 12-Apr-19 15:36
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 19C0734-01) Collected: 29-Mar-19 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AC92914	2	03-Apr-19 (EA)	360 mg/l	
Total Suspended Solids	SM 2540D	AD90133	1	01-Apr-19 (EA)	216 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1904734

Customer: IPC, Inc.		**Project:** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** C. Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** ~~Ric Vardel / Golan Kfir~~	**Phone #:** ~~949-382-9067~~

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	03/29/19	0	1	TSS	Composite	AQ	1L P	4°C	
"	"		1	BOD	Composite	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
~~Global ID: WDR100000359~~

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (IPC)	03/29/19	
Received by	EG		3/29/19	1150
Relinquished by	EG		3/29/19	1350
Received by				
Relinquished by				
Received in lab by			3-29-19	1350

Sample Received Checklist

Temperature upon receipt: 4
of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EPA Watertboard (EAB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing, or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has cited to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and use or agent(s) there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning testing, information, software programs or other communications.

10. Hold Harmless

Client covenants and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, related entities and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the Indemnification Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring and/or relating to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or in connection with handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of damage to, loss of, or loss of use of property and of 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be made solely to the extent to which the client might otherwise have direct PCL and the other Indemnified Persons. To the extent necessary or the applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, when practicable (but not the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and (or are or your judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples, materials for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or coming into force and judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's EH/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous substances. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis by fecal analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when all work is completed is required for all new clients or until a history of standard and/or credit accounts has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party is to rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours or allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or sooner dates are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed as additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

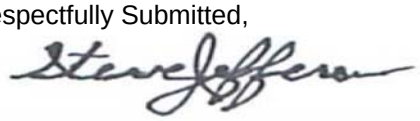
Attention: Ric Vardel
Report Date: 12-Apr-19 15:46
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0755-01) Collected: 30-Mar-19 By Ric Vardel						
pH	SM4500-H-B	AC93124	0.1	30-Mar-19 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AC93123	0.05	31-Mar-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC93023	1.8	02-Apr-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC93023	1.8	02-Apr-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 190755

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine CA 92618		Sampled by: Ric VARDEL	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	3/30	0900	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	3/30	0900	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	3/30	0915
Received by			
Relinquished by	Jose L Gomez	3/30/19	0935
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	3/30/19	11:16

Sample Received Checklist

Temperature upon receipt: 4°

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No additional or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of environmental in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board, ASTM, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise acting in the reasonable judgement of PCL. Deviations, if any, will be made in a manner consistent with the requirements of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC program. The responsibility of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the limitations as set forth below. Client's exclusive and sole remedy and/or practical remedies PCL from any liability in respect of the invoiced amount for the services rendered. Any any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and the conditions in and around the sampling site and for advising PCL of the same and all information necessary to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services if consider subject to payment for all services rendered and out of pocket expenses incurred up to the date of such cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's verbal orders and all subsequent or prior to additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's expense and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data unless such disclosure is attributed PCL reports and information provided hereunder are for the exclusive use and benefit of client and no persons there shall be no third party beneficiary of PCL reports, data or information. Client will not disclose or any third party any information containing PCL's proprietary information, such as procedures or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees, the Litigation Expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. If injury, disease or death of persons, loss of, damage to, loss of, or use of use of property, and all financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, charges, damages or costs of every kind and character arising out of or in connection with the negligence or strict liability of PCL, its employees, agents, contractors or subcontractors. Client's obligation to indemnify, defend and hold harmless PCL shall be limited to available liability insurance coverage to be carried by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits or business interruption, even if PCL has been advised, knew, foreseen, or should have known the possibility of such damages, including, without limitation, attorney's fees, court costs, and/or any other costs and expenses of any kind incurred by client, whether based on contract, tort, negligence, strict liability, or otherwise, arising out of or resulting from PCL's performance of services under this agreement, even if PCL is negligent, or otherwise at fault. Client agrees to defend, indemnify and hold PCL harmless from any and all claims, liabilities, losses, costs or expenses (including reasonable attorney's fees and expert witness fees) asserted against PCL by client's employees or third parties based upon, arising out of, or related to, in whole or in part, the services provided by PCL under this agreement, except to the extent the claims arise from the sole negligence of PCL.

11. Hazardous Substances

For PCL to perform the services required by client, client and/or its agents will provide samples that are known or suspected to contain hazardous substances, such as asbestos, polychlorinated biphenyls, petroleum or other flammable or toxic materials, known and unknown radioactive materials, pathogenic or infectious agents, or other substances harmful to human health or the environment if improperly used, handled, stored, transported, released or disposed of ("Hazardous Substances"). Client acknowledges that it is the client's responsibility to inform PCL of the existence of any Hazardous Substances in the samples to be analyzed by PCL prior to the commencement of services by PCL. Client further acknowledges that it is the client's responsibility to inform PCL of the existence of any Hazardous Substances that may be encountered or created by PCL in the performance of services at the client's property. Client shall be responsible for the proper handling, storage, transportation and disposal of all Hazardous Substances in accordance with all applicable laws, rules and regulations. Client shall provide PCL with all information, training and warnings necessary to enable PCL to perform the services safely and in accordance with all applicable laws, rules and regulations. Client shall be responsible for all costs and expenses associated with the proper handling, storage, transportation and disposal of all Hazardous Substances. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, costs or expenses (including reasonable attorney's fees) asserted against PCL by any third party arising out of, or related to, in whole or in part, the Hazardous Substances provided by client to PCL for analysis, or the handling, storage, transportation or disposal of Hazardous Substances by PCL, except to the extent the claims arise from the sole negligence of PCL. Client's obligations under this agreement shall survive the termination of this agreement.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation or the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or clients without an established credit account. For clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and be client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or on any other basis and has no authority for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on its data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to bring upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any permits or other approvals, or the holders of any liquids, the issuing, amendment, renewal or extension of any loan from any financial institution or other lender or the consideration of or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis may be available for an additional charge and shall be accepted at discretion. If, for any reason, rush analysis cannot be performed, the client will be notified.

16. Holding Times

PCL shall not be responsible for holding times that are exceeded because of circumstances beyond its control or otherwise without prior authorization and acceptance. Standard holding times and storage conditions should be reviewed prior to any sampling being performed by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding times (< 7 days) commencement occur at the lab within 24 hours before experiencing issues that the holding times will be lost. For holding times of 48 hours or less (Example: 24 hour), we recommend that same day arrange to guarantee holding times are met. After hours, low delivery, freight company delays or similar issues are subject to additional rush fees and/or not always to meet holding times. All holding times are a reflection of the publication date of the EPA Methods and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after report is issued, unless otherwise agreed. Sample storage for longer periods is available only by prior arrangement and long term storage is subject to an additional charge. Samples will be disposed of at the end of the 30 day storage period, unless

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or sample. Unnecessary delays during the pick up or sampling might be assessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

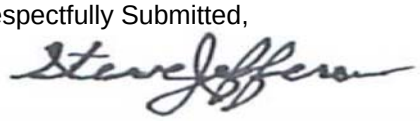
Attention: Ric Vardel
Report Date: 12-Apr-19 15:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 19C0762-01) Collected: 31-Mar-19 By Julio Leal						
pH	SM4500-H-B	AC93125	0.1	31-Mar-19 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AD90116	0.05	01-Apr-19 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AC93122	1.8	02-Apr-19 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AC93122	1.8	02-Apr-19 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 4/12/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19C0762

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: JULIO LEAL	P.O. #:
		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	03-31-19	08:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.50
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	3-31-19	1350
Received by	Jordan Corkery	3/31/19	1350
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	3/31/19	1525

Sample Received Checklist

Temperature upon receipt: 4°C

of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" (collectively "these Terms and Conditions") of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services or sampling services and his or her heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such action constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or solicitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of these terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 code of federal regulations, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made in a manner consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The data, industry or PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the charges received for said services. Client's acceptance of a work proposal and its proposal conveys PCL from any liabilities, expenses or loss incurred beyond the value received for the services rendered hereunder and pursuant to the contract or any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except as otherwise specifically modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain) Client is free to use PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information are used solely for the exclusive use and benefit of Client and PCL agrees that it shall be responsible to defend all such rights, data or information. Client will not disclose to any third party any information regarding testing performed by PCL without prior written consent.

10. Hold Harmless

Client will defend and hold save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies free and against any and all harmless, damage or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigation expenses and awards arising in favor of Client or another party as a result of, and/or in any way arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, disposal of client's material hereunder. Injury, disease or death of personnel, loss of business or profit, or loss of use of property or land, or however caused, even if such loss or damage is alleged to be caused in whole or in part by the negligence of PCL, its employees, agents, or subcontractors. Further, this indemnity shall specifically apply to claims, costs, damages, attorney's fees, penalties, expenses or liability incurred by PCL arising out of the enforcement of any provision of this agreement. The foregoing indemnities shall be in addition to any remedy which the client might otherwise have to PCL and the other indemnified persons. To the extent mandatory and/or applicable law, client agrees that if client's material, sample, waste, or substance is considered or categorized as hazardous, dangerous, toxic, or regulated by any federal, state, or local law, regulation, ordinance, order, code, permit, or guideline governing human health or the environment, client will indemnify, defend, and hold harmless PCL, its officers, directors, employees, agents, affiliates, successors, and assigns from and against any and all claims, demands, causes of action, damages, losses, costs, expenses, fines, penalties, and liabilities (including attorneys' fees, court costs, and expert witness fees) arising out of or in any way related to the presence, disposal, release, or threatened release of any hazardous, dangerous, toxic, or regulated material, sample, waste, or substance that is in the possession or under the control of client, its employees, agents, or subcontractors. This indemnification shall apply whether or not client was aware of or knew of the hazardous, dangerous, toxic, or regulated nature of the material, sample, waste, or substance. This indemnification shall survive the termination or expiration of this agreement.

11. Hazardous Substances

For PCL operations that may involve exposure to [illegible] and PCL will obtain samples from the analytical [illegible] and other investigative techniques [illegible] personnel [illegible] [illegible] [illegible]



Malibu Civic Center Wastewater Treatment Facility

First Quarter 2019 Long-Term Groundwater and Surface Water Monitoring Report

prepared by

Rincon Consultants, Inc.

April 2019

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
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April 30, 2019
Project No: 15-01587

Craig George
Environmental Sustainability Department Director
Building Official
City of Malibu
23825 Stuart Ranch Road
Malibu, California 90401

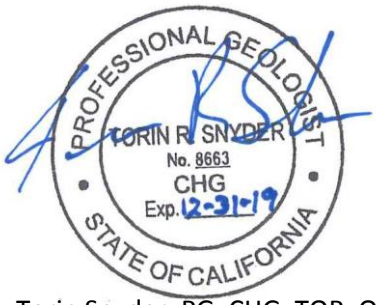
Subject: **First Quarter 2019 Long-Term Groundwater and Surface Water Monitoring Report, Malibu Civic Center Wastewater Treatment Facility – City of Malibu, California**

Dear Mr. George:

Rincon Consultants, Inc. has prepared the First Quarter 2019 Long-Term Groundwater and Surface Water Monitoring Report for the Malibu Civic Center Wastewater Treatment Facility (CCWTF) located in Malibu, California. The CCWTF began discharging treated wastewater in the third quarter of 2018. Therefore, Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring (Task II) was triggered and quarterly groundwater monitoring was conducted. The objective of the work program is to implement and manage a basin-wide groundwater and surface water monitoring and reporting program. The monitoring program has been designed to identify potential impacts du to land disposal of treated wastewater via injection and landscape irrigation or percolation on the receiving water quality of the local groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon.

Please contact us with any questions you may have regarding the results of the First Quarter 2019 Long-Term Groundwater and Surface Water Monitoring Report.

Sincerely,
Rincon Consultants, Inc.



Kiernan Brtalik, CPSWQ, QSP/D
Environmental Scientist

Torin Snyder, PG, CHG, TOR, QSD/P
Principal

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment."

Executed on the 29 day of April at 2019



Signature

Environmental Sustainability Director

Title

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1 Introduction

This report presents the results of First Quarter 2019 Long-Term Groundwater and Surface Water Monitoring activities for the Malibu Civic Center Wastewater Treatment Facility (CCWTF) located in the City of Malibu, California (Figure 1). The CCWTF began discharging treated wastewater in the third quarter of 2018. Therefore, Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring (Task II) was triggered and quarterly groundwater monitoring was conducted. The objective of the work program is to implement and manage a basin-wide groundwater and surface water monitoring and reporting program. The monitoring program has been designed to identify potential impacts as a result of land disposal of treated wastewater via injection and landscape irrigation or percolation on the receiving water quality of the local groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon.

This report was prepared by Rincon Consultants, Inc. (Rincon) and presents the geologic and hydrogeologic setting, groundwater elevations and gradient, surface water and groundwater sampling methodologies, and water quality data results.

2 Background

On-site wastewater disposal systems (OWDS) have allegedly contributed to the non-point source pollution of Malibu Creek and Lagoon located in the Civic Center Area of the City of Malibu. The City of Malibu has designed and constructed a new wastewater treatment facility to comply with regulatory actions taken by the Los Angeles Regional Water Quality Control Board (LARWQCB) and the State Water Resources Control Board (SWRCB) to prohibit discharges from OWDS in the Civic Center area.

To establish baseline groundwater and surface water quality conditions prior to operation and discharge of treated wastewater, the LARWQCB required basin-wide, baseline groundwater and surface water monitoring. The water quality monitoring program was driven by several factors:

- Timelines established through regulatory action
- Proposed programs to fulfill anticipated future regulatory requirements associated with the development of the CCWTF
- The distribution of Title 22 Recycled Water in the Prohibition area
- Protection of the Malibu Valley Groundwater Basin, Malibu Creek, Malibu Lagoon, and the near shore environment of Santa Monica Bay

Following activation of the CCWTF operations, baseline monitoring activities (Task I) is complete and long-term monitoring activities (Task II) has been triggered. The objective of long-term monitoring is to identify impacts that land disposal of recycled water, via injection and landscape irrigation or

percolation, may have on the water quality of the receiving groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon.

At this time, the basin-wide monitoring program consists of four of the original five water quality monitoring tasks that occur in the Civic Center area of the City of Malibu. All five monitoring tasks have been designed to build upon one another to provide a comprehensive basin-wide groundwater and surface water monitoring program. Below is a general description of each task and a discussion of key objectives.

Task I – Baseline Groundwater and Surface Water Quality Monitoring of the Civic Center Area *(Completed)*

The baseline groundwater and surface water quality monitoring task involved monitoring groundwater in nine (9) shallow and deep groundwater wells and monitoring surface water quality at ten (10) locations. The objective of this task's monitoring was to develop baseline, ambient shallow and deep groundwater, and surface water conditions prior to the implementation of the CCWTF, as required by the Monitoring and Reporting Program (MRP) No. CI 10042, issued by the LARWQCB (LARWQCB 2015).

Task II – Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring of the Civic Center Area

The long-term groundwater and surface water quality monitoring task involves monitoring groundwater in nine (9) shallow and deep groundwater wells and monitoring surface water quality at ten (10) locations. The objective of long-term monitoring is to identify impacts that land disposal of recycled water, via injection and landscape irrigation or percolation, will have on the water quality of the receiving groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon and to comply with the project-specific Waste Discharge Requirement (WDR). The mix of shallow and deeper monitoring wells will ensure adequate spatial and vertical coverage of the basin in the vicinity of the proposed CCWTF injection to be able to monitor for potential adverse impacts. The nine (9) groundwater monitoring wells and ten (10) surface water sampling locations identified in Task II are sampled on a quarterly basis once CCWTF operations commence. This sampling is required by the MRP No. CI 10042, issued by the LARWQCB (LARWQCB 2015).

Task III – Salt and Nutrient Management Plan Monitoring Program

The Salt and Nutrient Management Plan (SNMP) monitoring program branches off from the baseline and long-term groundwater and surface water monitoring programs described above (Tasks I and II). Task III involves performing semi-annual groundwater monitoring at sixteen (16) groundwater monitoring wells (mix of shallow and deep) located in the Civic Center area of the City and in a small area in the unincorporated portion of Los Angeles County. The objective of the SNMP is to monitor potential impacts that recycled water, introduced through irrigation and injection, may have on the Malibu Groundwater Basin. The SNMP also provides data to assess the various phases of the CCWTF implementation during the time that the collection system and treatment plant connections increase, and as OWDS-related discharges cease (RMC Water 2015a).

Task IV – Memorandum of Understanding Compliance Monitoring

Compliance with the Memorandum of Understanding (MOU) the City has with the LARWQCB corresponds with baseline and long-term groundwater and surface water monitoring programs described in Tasks I through III above. Task IV involves performing semi-annual monitoring at fourteen (14) groundwater wells located in the City's Civic Center area. The objective of the MOU is to monitor for potential impacts to the Shallow Alluvium as a result of CCTWF implementation (LARWQCB 2014).

Task V – Civic Center Groundwater Elevation Monitoring Program

The groundwater elevation monitoring program assesses the groundwater elevations in the Malibu Groundwater Basin and in Winter Canyon. The objective of this task is to provide a better understanding of the groundwater elevation conditions in the Civic Center Area, including elevation trends related to precipitation, tidal, and lagoon influences (LARWQCB 2015).

3 Geologic and Hydrogeologic Setting

3.1 Hydrology

The project lies in the Los Angeles hydrologic region, as defined by the LARWQCB. The Los Angeles hydrologic region encompasses all coastal drainages flowing to the Pacific Ocean between Rincon Point and the eastern Los Angeles County line. The study area covers two watersheds: the Malibu Creek and Winter Canyon Creek watersheds. Most of the study area addressed in this report is located within the 109–square-mile Malibu Creek watershed, which is the second largest watershed draining to the Santa Monica Bay. The Malibu Creek watershed contains mostly undeveloped mountain areas, large-acreage residential properties, and many natural stream reaches (Los Angeles RWQCB 2011). Malibu Lagoon is located at the terminus of the Malibu Creek watershed. Malibu Lagoon is a brackish estuary of approximately 13 acres. However, it is one of only two remaining coastal marshes in Los Angeles County.

3.2 Geology

The study area is located within the Santa Monica Mountains in the northwestern corner of the Los Angeles basin. The study area lies at the juncture of the Peninsular Ranges geomorphic province, consisting of a northwest-oriented structural grain, and the Transverse Ranges geomorphic province, which features a predominantly east-west-oriented structural grain.

The 45-mile-long Santa Monica Mountains range is part of the southernmost portion of the western Transverse Ranges province. It forms an east-west range of low mountains along the southern California Coast from the Oxnard Plain to Los Angeles. The Santa Monica Mountain range is characterized by long, south-draining canyons on its south flank and short, north-draining canyons on its north flank. The Malibu Canyon and Winter Canyon are two significant canyons within the study area that drain to the south.

3.3 Hydrogeology

The Malibu Valley Groundwater Basin (DWR groundwater basin no. 4-22) is a small alluvial basin, approximately 613 acres in size. The groundwater basin is bounded by the Pacific Ocean on the south, and by the Santa Monica Mountains, composed of non-water-bearing Tertiary age rocks to the north, east, and west.

Water bearing geologic formations in the Malibu Valley Groundwater Basin are comprised of Holocene alluvium, consisting of clays, silts, sands, and gravels, overlying impermeable bedrock. The unconsolidated alluvium in the Civic Center area by Malibu Creek and other small drainages is estimated to range in thickness from a thin layer near the valley walls to around 175 feet in the central part of the main body of the alluvium.

The alluvium can be subdivided into three categories or zones: 1) a shallow zone of permeable alluvial sediments, 2) underlain by a sequence of fine-grained estuarine deposits, and 3) an underlying coarse-grained stratum commonly referred to as the "Civic Center Gravels" (GeoSoils 1989, Leighton 1994, ECI 200, Ambrose and Orme 2000, Fugro West, Inc. 2005, Geosyntec Consultants 2007). Depth to groundwater in the alluvium is typically 5 to 13 feet below grade and is deeper in the upland canyon areas.

4 Activities Completed During the Frist Quarter of 2019

The following activities were completed during the first quarter of 2019:

- Rincon measured depth to water in groundwater monitoring wells on January 2, February 25, and March 21, 2019.
- Rincon collected and analyzed surface water samples for WDR/MRP compliance on February 26, 2019.
- Rincon collected and analyzed groundwater samples for WDR/MRP and SNMP compliance on February 26, 27, and 28, 2019.

5 Groundwater Elevations and Gradients

Rincon mobilized to forty-six (46) groundwater monitoring wells to measure the depth to water using an electronic water level indicator on (Table 1 and Appendix A). Of the forty-six groundwater monitoring wells, three of the wells were unable to be located (MBCMW-5, MBCMW-6, and GH9-M4) and one was reported dry (SMBRP-15B). Therefore, groundwater elevations could not be calculated in these groundwater monitoring wells.

5.1 Shallow Zone

The groundwater elevations ranged from 1.34 feet above mean sea level (amsl) in CCPE to 22.27 feet amsl in SMBRP-8 (ECI-RC-MW01; Table 1). Groundwater elevations during the first quarter of 2019 increased in all but two (2) shallow groundwater monitoring wells from January to March (C-1 and MBCMW-7).

Groundwater elevations decreased a maximum of 2.11 feet amsl in MBCMW-7 and increased a maximum of 5.12 feet amsl in SMBRP-10C from January to March of 2019. The predominant direction of groundwater flow was southeast and south-southeast. Elevation data and flow direction are depicted in Figures 3 through 5.

The shallow groundwater gradient was 0.0048 feet/foot, 0.006 feet/foot, and 0.0044 feet/foot (calculated using groundwater monitoring wells SMBRP-2, SMBRP-9, and SMBRP-12) during the January, February, and March monitoring events, respectively.

5.2 Deep Zone

The groundwater elevations ranged from 4.50 feet amsl in MCWP-MW07D to 9.95 feet amsl in MCWP-MW09 (Table 1). Groundwater elevations increased in seven (7) of the eight (8) groundwater monitoring wells when comparing monthly groundwater elevations January and March 2019. Groundwater elevations decreased a maximum of 0.92 feet amsl in MCWP-MW02 from January to March and increased a maximum of 3.41 feet amsl in MCWP-MW07D from January to February.

5.3 Winter Canyon

The groundwater elevations ranged from 9.93 feet amsl in SMBRP-11 to 58.65 feet amsl in LAMW-5S (Table 1). Groundwater elevation increased 1.11 feet amsl in SMBRP-11 and increased 5.73 feet amsl in LAMW-5S when comparing monthly groundwater elevations between January and March 2019.

6 Water Quality Sampling Analysis

The surface water and groundwater samples were transported under chain-of-custody documentation to Enthalpy Analytical (Enthalpy), a California-accredited laboratory located in Orange, California. All surface water and groundwater monitoring locations and corresponding laboratory analyses are shown in the Groundwater and Surface Water Analytical Matrix (Table 2). The laboratory analytical results for the First Quarter 2019 monitoring event are shown in Table 3 and Table 4. Analytical laboratory reports are included as Appendix B of this report.

6.1 Surface Water

6.1.1 Sampling Methodology

A total of ten (10) surface water samples were collected on February 26, 2019. Four (4) ocean water samples were collected from the near shore area along Malibu Road (N-001 through N-004) and six (6) surface water samples were collected from the Malibu Lagoon and Creek (L-001 through L-006). The near shore ocean water samples were collected from each location at a depth of approximately 3-6 inches (ankle deep). Surface water samples from Malibu Lagoon and Creek were collected from each location at a depth of approximately twelve inches below the surface of the water.

All surface water samples were collected up-current of the sampling person's body to minimize potential contamination of the surface water samples with bacteria originating from field personnel. Surface water samples were collected directly into lab-supplied containers when possible, or into a field sampling container and then transferred into preserved and non-preserved containers supplied by Enthalpy. The containers were capped, labeled, placed in Ziploc bags, and stored on ice in a cooler and delivered via courier to Enthalpy.

6.1.2 Laboratory Analyses

Total Coliform

Total coliform concentrations in the Near Shore surface water samples ranged from 41 to 650 Most Probable Number per 100 milliliters (MPN/100 mL) with an average concentration of 257.25 MPN/100 mL. All total coliform concentrations in Malibu Lagoon and Creek surface water samples were reported above the laboratory upper reporting detection limit (RDL) of 2,400 MPN/100 mL.

Fecal Coliform

All fecal coliform concentrations in surface water samples collected at the Near Shore were not detected above the RDL. Fecal coliform was detected in all Malibu Lagoon and Creek surface water samples. Lagoon and creek samples ranged from 30 to 260 MPN/100 mL with an average concentration of 119.17 MPN/100 mL.

Nitrogen

Nitrate as Nitrogen

Nitrate concentrations in Near Shore samples were not detected above the RDL. Nitrate was detected in all the Malibu Lagoon and Creek surface water samples. Concentrations in the Malibu Lagoon and Creek surface water samples ranged from 0.05 mg/L at L-006 to 4.73 mg/L at L-001. An average concentration of 3.35 mg/L was calculated for the samples collected from the Malibu Lagoon and Creek.[1]

[1] A value half of the RDL was used to calculate the averages for analytical results below the constituent RDL

Other Forms of Nitrogen

All nitrite as nitrogen concentrations in surface water samples collected at the Near Shore and Malibu Lagoon and Creek sampling locations were not detected above the RDL.[2]

Organic nitrogen concentrations in surface water samples collected at the Near Shore sampling locations were not detected above the reporting limit of 0.5 mg/L, except for N-004 (0.12 mg/L).

Total organic nitrogen concentrations detected in samples collected at the Malibu Lagoon and Creek sampling locations ranged from 0.3 mg/L at L-002 to 3.1 mg/L at L-006. An average total organic nitrogen concentration of 0.968 mg/L was calculated for all surface water samples collected from Malibu Lagoon and Creek.

Ammonia (NH_3^+) is the primary form of nitrogen in OWDS effluent, and it is converted to nitrate during the leaching process through the vadose zone (Figure 6). Ammonia was not detected in any surface water samples.

Total Kjeldahl Nitrogen (TKN) concentrations in surface water samples collected at the Near Shore sampling locations were not detected except for N-004 (0.12 mg/L). TKN concentrations in the Malibu Lagoon and Creek sampling locations ranged from 0.299 mg/L at L-002 to 3.1 mg/L at L-006. An average TKN concentration of 0.969 mg/L was calculated for all surface water samples collected from Malibu Lagoon and Creek.

Total Phosphorous

Total phosphorus was detected in Near Shore surface water samples collected at N-001 and N-002, with results of 0.026 mg/L and 0.203 mg/L. Total phosphorus was also detected above the reporting limit in all the Malibu Lagoon and Creek sampling locations, ranging from 0.343 mg/L at L-005 to 0.493 mg/L at L-001. An average total phosphorous concentration of 0.436 mg/L was calculated for all surface water samples collected from Malibu Lagoon and Creek, and an average of 0.062 for Near Shore sampling locations.

6.2 Groundwater

6.2.1 Sampling Methodology

On February 26, 27, and 28, a total of sixteen (16) groundwater monitoring wells were sampled in the first quarter of 2019 (Task II, III, IV). Prior to sampling, a minimum of three (3) casing volumes were purged from each well using a submersible pump. Purging stopped when consecutive water quality measurements (temperature, electrical conductivity, and pH) varied by less than 10 percent or until the well purged dry, which ever occurred first. Field equipment was decontaminated between each well. Purged groundwater and decontamination water were stored in a 500-gallon high-density polyethylene tank during field activities, and properly disposed at the CCWTF.

Once each well was purged, groundwater samples were collected using preserved and non-preserved containers supplied by Enthalpy. The containers were capped, labeled, placed in Ziploc

[2] The analytical laboratory reported that the chromatography indicated elevated chloride results for the near shore samples. As such, a 200x dilution was necessary for proper elution.

bags, and stored on ice in coolers pending delivery to Enthalpy. Field data are included in Appendix A.

6.2.2 Laboratory Analyses

Total Coliform

Total coliform was analyzed in fourteen (14) of the sixteen (16) groundwater samples collected. Thirteen (13) of the groundwater samples analyzed for total coliform had detectable levels of total coliform. Detectable total coliform concentrations ranged from 14 MPN/100 mL to greater than 2,400 MPN/100 mL in multiple samples with an average of 938.25 MPN/100 mL.[3] Monitoring locations that exceeded the upper RDL included LAMW-5S, MBCMW-9, MCWP-MW07D, and MCWP-MW10.

Fecal Coliform

Fecal coliform was analyzed in fourteen (14) of the sixteen (16) groundwater samples collected. Eight (8) of groundwater samples analyzed for fecal coliform had detectable levels. Detected fecal coliform concentrations ranged from 1 MPN/100 mL at MCWP-MW09 to 1,700 MPN/100 mL at MBCMW-9, with an average concentration of 168.46 MPN/100 mL.

Nitrogen

Nitrate as Nitrogen

Nitrate was detected in all sixteen (16) groundwater samples collected. Concentrations ranged from 0.105 mg/L at MBCMW-9 to 7.62 mg/L at SMBRP-11 with an average concentration of 2.946 mg/L.

Other forms of Nitrogen

Forms of nitrogen other than nitrate were analyzed in fourteen (14) of the sixteen (16) groundwater samples collected.

Nitrite as nitrogen was not detected above RDLs in any of the groundwater monitoring well samples.

Organic nitrogen concentrations were detected in thirteen (13) of the samples analyzed. Detected concentrations ranged from 0.06 mg/L at LAMW-5S to 1.6 mg/L at SMBRP-12 with an average concentration of 0.67 mg/L.

Ammonia (as nitrogen) concentrations were detected in five (5) of the groundwater samples analyzed, ranging from 0.015 mg/L at MCWP-MW07S to 11.4 mg/L at SMBRP-12 with an average concentration of 0.992 mg/L.

TKN concentrations were detected in all groundwater monitoring well samples collected, except at MCWP-MW04D. Concentrations ranged from 0.059 mg/L at LAMW-5S to 13 mg/L at SMBRP-12 with an average concentration of 1.628 mg/L.

[3] The upper detection limit value (2,400 MPN/100 mL) was used for results that exceeded the upper detection limit to calculate the average total coliform concentration.

Total Phosphorous

Total phosphorous was analyzed for in fourteen (14) of the sixteen (16) groundwater monitoring wells. All samples analyzed had detectable total phosphorous concentrations ranging from 0.019 mg/L at SMBRP-9 to 2.38 mg/L at SMBRP-13 with an average concentration of 0.657 mg/L.

Total Dissolved Solids

Total dissolved solids (TDS) was analyzed for in all sixteen (16) groundwater monitoring wells. TDS concentrations in groundwater samples ranged from 238 mg/L at MCWP-MW07D to 5,930 mg/L at MCWP-MW04S with an average concentration of 1,847 mg/L.

6.3 Analytical Laboratory QA/QC

Enthalpy performed quality assurance/quality control (QA/QC) measures including the recovery of surrogates. Enthalpy followed all QA/QC procedures per method requirements. The Notes column of the analytical reports also has the QC flags. Any issues that are not covered by the qualifier flags (definitions page found below the analytical tables), are addressed as part of the case narrative. Any exceedances are indicated in the Case Narrative of the analytical laboratory report.

7 Scheduled Activities for the Second Quarter of 2019

The following activities will be completed during the second quarter of 2019:

- Prepare the First Quarter 2019 Long-Term Groundwater and Surface Water Monitoring Report for submittal to the LARWQCB.
- Rincon will collect and analyze groundwater and surface water samples for MRP compliance (Task II).
- Rincon will measure depth to water in the groundwater monitoring wells in April, May, and June 2019 (Task V).

8 Summary of Monitoring Activities

8.1 Groundwater Elevations

Consistent with past observations, shallow groundwater generally flows southeast to south-southeast. During the first quarter of 2019, groundwater elevations increased in the all but two of the shallow groundwater monitoring wells. Deep groundwater monitoring well elevations increased

in all but one well between January and March 2019. At Winter Canyon, monitoring wells LAMW-5S and SMBRP-11 increased between January and March 2019.

8.2 Surface Water Quality

When comparing coliform bacteria results to the 2018 fourth quarter monitoring event, total coliform concentrations decreased at the surface water sampling locations. Total coliform concentrations in samples collected from Malibu Lagoon and Creek are consistent when compared to the fourth quarter 2018 to the first quarter 2019, with concentrations elevated above 2400 MPN/100 mL.

All nitrogen species were below analytical laboratory reporting limits at the Near Shore locations, consistent with the 2018 fourth quarter monitoring event. In Malibu Lagoon and Creek, low concentrations of nitrate as nitrogen, organic nitrogen, and TKN were detected at all sampling locations. Ammonia was not detected at any of the surface water monitoring locations.

8.3 Groundwater Quality

A total of sixteen (16) groundwater monitoring wells were sampled during the first quarter of 2019 as part of the WDR/MRP and SNMP/MOU monitoring program. Total coliform concentrations in groundwater monitoring well samples exceeded the upper RDL of 2,400 MPN/100 mL at four (4) groundwater monitoring locations, consistent with the 2018 fourth quarter monitoring event. For wells sampled during the first quarter of 2019 and fourth quarter of 2018 monitoring events, five (5) decreased, three (3) increased, and one (1) remained consistent in measured total coliform concentration.

Eight (8) of the fourteen (14) groundwater samples analyzed had detectable concentrations of fecal coliform. Fecal coliform concentrations remained relatively consistent with previous monitoring events, apart from groundwater monitoring locations MBCMB-9 and CCPE. Fecal coliform concentration at MBCMW-9 was 1700 MPN/100 mL and 580 MPN/100 mL at CCPE which increased compared to the fourth quarter of 2018.

Nitrate as nitrogen concentrations were detected in groundwater samples collected from all monitoring well locations. Groundwater monitoring wells SMBRP-11 and MCWP-MW07S had the highest detected nitrate as nitrogen concentrations of 7.62 mg/L and 4.47 mg/L, respectively. These observations are consistent with results from previous monitoring events.

TDS concentrations in groundwater samples analyzed during the first quarter of 2019 showed a slight decrease from fourth quarter 2018.

9 Limitations

This report has been prepared for and is intended for the exclusive use of the City of Malibu. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Our conclusions regarding the site are based on observations of existing site conditions, our interpretation of site usage information, and the results of a limited subsurface sampling and chemical testing program. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations intermediate to the locations sampled. Furthermore, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.

10 References

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RMC Water. 2015b. Draft Groundwater Management Plan Malibu Valley Groundwater Basin.

Tables

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
C-1	8/24/2015	11.47	N/A	-
C-1	9/21/2015	11.47	N/A	-
C-1	10/20/2015	11.47	N/A	-
C-1	11/16/2015	11.47	5.07	6.40
C-1	12/14/2015	11.47	4.12	7.35
C-1	1/14/2016	11.47	6.65	4.82
C-1	2/16/2016	11.47	6.65	4.82
C-1	3/14/2016	11.47	6.80	4.67
C-1	4/25/2016	11.47	5.72	5.75
C-1	5/16/2016	11.47	4.59	6.88
C-1	6/17/2016	11.47	4.72	6.75
C-1	7/20/2016	11.47	5.32	6.15
C-1	8/20/2016	11.47	5.42	6.05
C-1	9/19/2016	11.47	5.47	6.00
C-1	10/21/2016	11.47	5.64	5.83
C-1	11/18/2016	11.47	4.71	6.76
C-1	12/19/2016	11.47	6.75	4.72
C-1	1/17/2017	11.47	6.89	4.58
C-1	2/24/2017	11.47	7.28	4.19
C-1	3/27/2017	11.47	6.66	4.81
C-1	4/17/2017	11.47	7.32	4.15
C-1	5/22/2017	11.47	6.74	4.73
C-1	6/20/2017	11.47	4.49	6.98
C-1	7/28/2017	11.47	4.51	6.96
C-1	8/25/2017	11.47	4.61	6.86
C-1	9/11/2017	11.47	4.96	6.51
C-1	10/16/2017	11.47	5.13	6.34
C-1	11/15/2017	11.47	5.32	6.15
C-1	12/11/2017	11.47	7.70	3.77
C-1	1/22/2018	11.47	6.63	4.84
C-1	2/14/2018	11.47	6.42	5.05
C-1	3/19/2018	11.47	6.86	4.61
C-1	4/23/2018	11.47	6.10	5.37
C-1	5/10/2018	11.47	4.98	6.49
C-1	6/19/2018	11.47	4.05	7.42
C-1	7/10/2018	11.47	4.59	6.88
C-1	8/20/2018	11.47	5.04	6.43
C-1	9/17/2018	11.47	5.20	6.27
C-1	10/4/2018	11.47	5.29	6.18
C-1	11/5/2018	11.47	5.26	6.21
C-1	12/17/2018	11.47	7.45	4.02
C-1	1/3/2019	11.47	7.06	4.41
C-1	2/25/2019	11.47	7.70	3.77
C-1	3/21/2019	11.47	7.62	3.85

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
C-2	8/24/2015	11.19	5.11	6.08
C-2	9/21/2015	11.19	4.92	6.27
C-2	10/20/2015	11.19	5.18	6.01
C-2	11/16/2015	11.19	4.96	6.23
C-2	12/14/2015	11.19	3.93	7.26
C-2	1/14/2016	11.19	6.44	4.75
C-2	2/16/2016	11.19	6.34	4.85
C-2	3/14/2016	11.19	6.50	4.69
C-2	4/25/2016	11.19	5.54	5.65
C-2	5/16/2016	11.19	4.49	6.70
C-2	6/17/2016	11.19	4.62	6.57
C-2	7/20/2016	11.19	5.16	6.03
C-2	8/20/2016	11.19	5.25	5.94
C-2	9/19/2016	11.19	5.21	5.98
C-2	10/21/2016	11.19	5.46	5.73
C-2	11/18/2016	11.19	4.48	6.71
C-2	12/19/2016	11.19	6.74	4.45
C-2	1/17/2017	11.19	6.51	4.68
C-2	2/24/2017	11.19	6.84	4.35
C-2	3/27/2017	11.19	6.55	4.64
C-2	4/17/2017	11.19	7.05	4.14
C-2	5/22/2017	11.19	6.54	4.65
C-2	6/20/2017	11.19	3.81	7.38
C-2	7/28/2017	11.19	4.37	6.82
C-2	8/25/2017	11.19	4.57	6.62
C-2	9/11/2017	11.19	4.86	6.33
C-2	10/16/2017	11.19	4.95	6.24
C-2	11/15/2017	11.19	5.04	6.15
C-2	12/11/2017	11.19	7.46	3.73
C-2	1/22/2018	11.19	6.68	4.51
C-2	2/14/2018	11.19	6.29	4.90
C-2	3/19/2018	11.19	6.57	4.62
C-2	4/23/2018	11.19	6.01	5.18
C-2	5/10/2018	11.19	4.84	6.35
C-2	6/19/2018	11.19	3.91	7.28
C-2	7/10/2018	11.19	4.50	6.69
C-2	8/20/2018	11.19	4.91	6.28
C-2	9/17/2018	11.19	5.06	6.13
C-2	10/4/2018	11.19	5.18	6.01
C-2	11/5/2018	11.19	5.20	5.99
C-2	12/17/2018	11.19	7.17	4.02
C-2	1/3/2019	11.19	6.79	4.40
C-2	2/25/2019	11.19	7.50	3.69
C-2	3/21/2019	11.19	6.33	4.86



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPE	8/24/2015	12.94	5.76	7.18
CCPE	9/21/2015	12.94	5.61	7.33
CCPE	10/20/2015	12.94	5.87	7.07
CCPE	11/16/2015	12.94	5.79	7.15
CCPE	12/14/2015	12.94	4.52	8.42
CCPE	1/14/2016	12.94	7.95	4.99
CCPE	2/16/2016	12.94	8.27	4.67
CCPE	3/14/2016	12.94	8.35	4.59
CCPE	4/25/2016	12.94	7.13	5.81
CCPE	5/16/2016	12.94	5.72	7.22
CCPE	6/17/2016	12.94	6.54	6.40
CCPE	7/20/2016	12.94	6.09	6.85
CCPE	8/20/2016	12.94	6.43	6.51
CCPE	9/19/2016	12.94	6.80	6.14
CCPE	10/21/2016	12.94	6.67	6.27
CCPE	11/18/2016	12.94	5.61	7.33
CCPE	12/19/2016	12.94	11.63	1.31
CCPE	1/17/2017	12.94	8.38	4.56
CCPE	2/24/2017	12.94	8.67	4.27
CCPE	3/27/2017	12.94	8.21	4.73
CCPE	4/17/2017	12.94	8.90	4.04
CCPE	5/22/2017	12.94	8.25	4.69
CCPE	6/20/2017	12.94	5.73	7.21
CCPE	7/28/2017	12.94	5.47	7.47
CCPE	8/25/2017	12.94	5.68	7.26
CCPE	9/11/2017	12.94	6.00	6.94
CCPE	10/16/2017	12.94	5.60	7.34
CCPE	11/15/2017	12.94	5.82	7.12
CCPE	12/11/2017	12.94	8.70	4.24
CCPE	1/22/2018	12.94	10.67	2.27
CCPE	2/14/2018	12.94	7.50	5.44
CCPE	3/19/2018	12.94	8.06	4.88
CCPE	4/23/2018	12.94	6.24	6.70
CCPE	5/10/2018	12.94	5.86	7.08
CCPE	6/19/2018	12.94	4.96	7.98
CCPE	7/10/2018	12.94	5.40	7.54
CCPE	8/20/2018	12.94	5.45	7.49
CCPE	9/17/2018	12.94	5.49	7.45
CCPE	10/4/2018	12.94	5.66	7.28
CCPE	11/5/2018	12.94	5.62	7.32
CCPE	12/17/2018	12.94	11.60	1.34
CCPE	1/3/2019	12.94	10.41	2.53
CCPE	2/25/2019	12.94	11.60	1.34
CCPE	3/21/2019	12.94	8.00	4.94

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPNE	8/24/2015	13.68	6.44	7.24
CCPNE	9/21/2015	13.68	6.27	7.41
CCPNE	10/20/2015	13.68	6.54	7.14
CCPNE	11/16/2015	13.68	6.74	6.94
CCPNE	12/14/2015	13.68	5.28	8.40
CCPNE	1/14/2016	13.68	8.51	5.17
CCPNE	2/16/2016	13.68	8.65	5.03
CCPNE	3/14/2016	13.68	8.65	5.03
CCPNE	4/25/2016	13.68	7.79	5.89
CCPNE	5/16/2016	13.68	6.39	7.29
CCPNE	6/17/2016	13.68	5.83	7.85
CCPNE	7/20/2016	13.68	6.79	6.89
CCPNE	8/20/2016	13.68	7.16	6.52
CCPNE	9/19/2016	13.68	7.52	6.16
CCPNE	10/21/2016	13.68	7.40	6.28
CCPNE	11/18/2016	13.68	6.32	7.36
CCPNE	12/19/2016	13.68	8.82	4.86
CCPNE	1/17/2017	13.68	8.66	5.02
CCPNE	2/24/2017	13.68	8.80	4.88
CCPNE	3/27/2017	13.68	9.37	4.31
CCPNE	4/17/2017	13.68	9.16	4.52
CCPNE	5/22/2017	13.68	8.97	4.71
CCPNE	6/20/2017	13.68	6.63	7.05
CCPNE	7/28/2017	13.68	6.26	7.42
CCPNE	8/25/2017	13.68	6.51	7.17
CCPNE	9/11/2017	13.68	6.81	6.87
CCPNE	10/16/2017	13.68	6.58	7.10
CCPNE	11/15/2017	13.68	6.52	7.16
CCPNE	12/11/2017	13.68	9.14	4.54
CCPNE	1/22/2018	13.68	8.53	5.15
CCPNE	2/14/2018	13.68	8.13	5.55
CCPNE	3/20/2018	13.68	8.52	5.16
CCPNE	4/23/2018	13.68	7.87	5.81
CCPNE	5/10/2018	13.68	6.54	7.14
CCPNE	6/19/2018	13.68	5.69	7.99
CCPNE	7/10/2018	13.68	6.10	7.58
CCPNE	8/20/2018	13.68	6.13	7.55
CCPNE	9/17/2018	13.68	6.17	7.51
CCPNE	10/4/2018	13.68	6.45	7.23
CCPNE	11/5/2018	13.68	6.30	7.38
CCPNE	12/17/2018	13.68	9.19	4.49
CCPNE	1/3/2019	13.68	8.63	5.05
CCPNE	2/25/2019	13.68	9.22	4.46
CCPNE	3/21/2019	13.68	8.37	5.31

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPSW	8/24/2015	13.67	6.29	7.38
CCPSW	9/21/2015	13.67	6.09	7.58
CCPSW	10/20/2015	13.67	6.35	7.32
CCPSW	11/16/2015	13.67	6.24	7.43
CCPSW	12/14/2015	13.67	5.27	8.40
CCPSW	1/14/2016	13.67	8.22	5.45
CCPSW	2/16/2016	13.67	8.11	5.56
CCPSW	3/14/2016	13.67	8.05	5.62
CCPSW	4/25/2016	13.67	7.50	6.17
CCPSW	5/16/2016	13.67	6.18	7.49
CCPSW	6/17/2016	13.67	6.26	7.41
CCPSW	7/20/2016	13.67	6.60	7.07
CCPSW	8/20/2016	13.67	6.92	6.75
CCPSW	9/19/2016	13.67	7.28	6.39
CCPSW	10/21/2016	13.67	7.17	6.50
CCPSW	11/18/2016	13.67	6.22	7.45
CCPSW	12/19/2016	13.67	8.34	5.33
CCPSW	1/17/2017	13.67	8.03	5.64
CCPSW	2/24/2017	13.67	8.27	5.40
CCPSW	3/27/2017	13.67	9.32	4.35
CCPSW	4/17/2017	13.67	8.64	5.03
CCPSW	5/22/2017	13.67	8.86	4.81
CCPSW	6/20/2017	13.67	6.59	7.08
CCPSW	7/28/2017	13.67	6.17	7.50
CCPSW	8/25/2017	13.67	6.47	7.20
CCPSW	9/11/2017	13.67	6.76	6.91
CCPSW	10/16/2017	13.67	6.38	7.29
CCPSW	11/15/2017	13.67	6.36	7.31
CCPSW	12/11/2017	13.67	8.65	5.02
CCPSW	1/22/2018	13.67	8.15	5.52
CCPSW	2/14/2018	13.67	8.05	5.62
CCPSW	3/19/2018	13.67	8.15	5.52
CCPSW	4/23/2018	13.67	7.68	5.99
CCPSW	5/10/2018	13.67	6.36	7.31
CCPSW	6/19/2018	13.67	5.51	8.16
CCPSW	7/10/2018	13.67	6.01	7.66
CCPSW	8/20/2018	13.67	6.01	7.66
CCPSW	9/17/2018	13.67	6.09	7.58
CCPSW	10/4/2018	13.67	6.21	7.46
CCPSW	11/5/2018	13.67	6.19	7.48
CCPSW	12/17/2018	13.67	8.60	5.07
CCPSW	1/3/2019	13.67	8.60	5.07
CCPSW	2/25/2019	13.67	8.65	5.02
CCPSW	3/21/2019	13.67	8.18	5.49

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCW-4	8/24/2015	15.77	6.50	9.27
CCW-4	9/21/2015	15.77	6.71	9.06
CCW-4	10/20/2015	15.77	6.90	8.87
CCW-4	11/16/2015	15.77	7.02	8.75
CCW-4	12/14/2015	15.77	7.05	8.72
CCW-4	1/14/2016	15.77	6.19	9.58
CCW-4	2/16/2016	15.77	6.17	9.60
CCW-4	3/14/2016	15.77	5.72	10.05
CCW-4	4/25/2016	15.77	5.28	10.49
CCW-4	5/16/2016	15.77	6.45	9.32
CCW-4	6/17/2016	15.77	6.70	9.07
CCW-4	7/20/2016	15.77	7.07	8.70
CCW-4	8/20/2016	15.77	7.33	8.44
CCW-4	9/19/2016	15.77	7.56	8.21
CCW-4	10/21/2016	15.77	7.68	8.09
CCW-4	11/18/2016	15.77	7.84	7.93
CCW-4	12/19/2016	15.77	7.09	8.68
CCW-4	1/17/2017	15.77	4.97	10.80
CCW-4	2/24/2017	15.77	2.04	13.73
CCW-4	3/27/2017	15.77	2.92	12.85
CCW-4	4/17/2017	15.77	5.30	10.47
CCW-4	5/22/2017	15.77	5.72	10.05
CCW-4	6/20/2017	15.77	6.27	9.50
CCW-4	7/28/2017	15.77	7.30	8.47
CCW-4	8/25/2017	15.77	7.74	8.03
CCW-4	9/11/2017	15.77	7.76	8.01
CCW-4	10/16/2017	15.77	6.99	8.78
CCW-4	11/15/2017	15.77	6.43	9.34
CCW-4	12/11/2017	15.77	6.36	9.41
CCW-4	1/22/2018	15.77	6.04	9.73
CCW-4	2/14/2018	15.77	6.04	9.73
CCW-4	3/19/2018	15.77	5.45	10.32
CCW-4	4/23/2018	15.77	5.40	10.37
CCW-4	5/10/2018	15.77	5.44	10.33
CCW-4	6/19/2018	15.77	5.67	10.10
CCW-4	7/10/2018	15.77	6.21	9.56
CCW-4	8/20/2018	15.77	6.65	9.12
CCW-4	9/17/2018	15.77	6.83	8.94
CCW-4	10/4/2018	15.77	6.93	8.84
CCW-4	11/5/2018	15.77	7.00	8.77
CCW-4	12/17/2018	15.77	6.19	9.58
CCW-4	1/3/2019	15.77	6.71	9.06
CCW-4	2/25/2019	15.77	2.83	12.94
CCW-4	3/21/2019	15.77	2.93	12.84



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH6-M1	8/24/2015	-	28.92	-
GH6-M1	9/21/2015	-	29.11	-
GH6-M1	10/20/2015	-	29.24	-
GH6-M1	11/16/2015	-	29.32	-
GH6-M1	12/14/2015	-	29.43	-
GH6-M1	1/14/2016	-	29.43	-
GH6-M1	2/16/2016	-	29.56	-
GH6-M1	3/14/2016	-	29.44	-
GH6-M1	4/25/2016	-	29.46	-
GH6-M1	5/16/2016	-	29.35	-
GH6-M1	6/17/2016	-	29.20	-
GH6-M1	7/20/2016	-	29.49	-
GH6-M1	8/20/2016	-	29.58	-
GH6-M1	9/19/2016	-	29.69	-
GH6-M1	10/21/2016	-	29.85	-
GH6-M1	11/18/2016	-	29.95	-
GH6-M1	12/19/2016	-	30.05	-
GH6-M1	1/17/2017	-	29.90	-
GH6-M1	2/24/2017	-	28.74	-
GH6-M1	3/27/2017	-	27.63	-
GH6-M1	4/17/2017	-	26.91	-
GH6-M1	5/22/2017	-	26.16	-
GH6-M1	6/20/2017	-	26.13	-
GH6-M1	7/28/2017	-	26.36	-
GH6-M1	8/25/2017	-	26.61	-
GH6-M1	9/11/2017	-	26.81	-
GH6-M1	10/16/2017	-	27.13	-
GH6-M1	11/15/2017	-	27.30	-
GH6-M1	12/11/2017	-	27.51	-
GH6-M1	1/22/2018	-	27.83	-
GH6-M1	2/14/2018	-	27.98	-
GH6-M1	3/19/2018	-	28.10	-
GH6-M1	4/23/2018	-	27.76	-
GH6-M1	5/10/2018	-	27.65	-
GH6-M1	6/19/2018	-	27.72	-
GH6-M1	7/10/2018	-	27.80	-
GH6-M1	8/20/2018	-	27.94	-
GH6-M1	9/17/2018	-	28.16	-
GH6-M1	10/4/2018	-	28.42	-
GH6-M1	11/5/2018	-	28.63	-
GH6-M1	12/17/2018	-	N/A	-
GH6-M1	1/3/2019	-	28.87	-
GH6-M1	2/25/2019	-	28.82	-
GH6-M1	3/21/2019	-	27.61	-



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH8-M3	8/24/2015	-	28.37	-
GH8-M3	9/21/2015	-	28.54	-
GH8-M3	10/20/2015	-	28.69	-
GH8-M3	11/16/2015	-	28.75	-
GH8-M3	12/14/2015	-	28.78	-
GH8-M3	1/14/2016	-	28.92	-
GH8-M3	2/16/2016	-	28.96	-
GH8-M3	3/14/2016	-	28.79	-
GH8-M3	4/25/2016	-	28.78	-
GH8-M3	5/16/2016	-	28.63	-
GH8-M3	6/17/2016	-	28.67	-
GH8-M3	7/20/2016	-	28.90	-
GH8-M3	8/20/2016	-	29.08	-
GH8-M3	9/19/2016	-	29.19	-
GH8-M3	10/21/2016	-	29.36	-
GH8-M3	11/18/2016	-	29.36	-
GH8-M3	12/19/2016	-	29.44	-
GH8-M3	1/17/2017	-	29.27	-
GH8-M3	2/24/2017	-	27.80	-
GH8-M3	3/27/2017	-	26.22	-
GH8-M3	4/17/2017	-	25.44	-
GH8-M3	5/22/2017	-	25.13	-
GH8-M3	6/20/2017	-	25.38	-
GH8-M3	7/28/2017	-	25.84	-
GH8-M3	8/25/2017	-	26.13	-
GH8-M3	9/11/2017	-	26.33	-
GH8-M3	10/16/2017	-	26.63	-
GH8-M3	11/15/2017	-	26.77	-
GH8-M3	12/11/2017	-	27.13	-
GH8-M3	1/22/2018	-	27.44	-
GH8-M3	2/14/2018	-	27.55	-
GH8-M3	3/19/2018	-	27.68	-
GH8-M3	4/23/2018	-	27.14	-
GH8-M3	5/10/2018	-	27.08	-
GH8-M3	6/19/2018	-	27.13	-
GH8-M3	7/10/2018	-	27.20	-
GH8-M3	8/20/2018	-	26.72	-
GH8-M3	9/17/2018	-	27.76	-
GH8-M3	10/4/2018	-	N/A	-
GH8-M3	11/5/2018	-	28.20	-
GH8-M3	12/17/2018	-	28.17	-
GH8-M3	1/3/2019	-	28.70	-
GH8-M3	2/25/2019	-	27.33	-
GH8-M3	3/21/2019	-	26.15	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH9-M4	8/24/2015	-	30.31	-
GH9-M4	9/21/2015	-	30.54	-
GH9-M4	10/20/2015	-	30.66	-
GH9-M4	11/16/2015	-	30.75	-
GH9-M4	12/14/2015	-	30.86	-
GH9-M4	1/14/2016	-	34.54	-
GH9-M4	2/16/2016	-	31.12	-
GH9-M4	3/14/2016	-	31.07	-
GH9-M4	4/25/2016	-	34.32	-
GH9-M4	5/16/2016	-	32.80	-
GH9-M4	6/17/2016	-	30.56	-
GH9-M4	7/20/2016	-	30.90	-
GH9-M4	8/20/2016	-	31.09	-
GH9-M4	9/19/2016	-	31.18	-
GH9-M4	10/21/2016	-	31.29	-
GH9-M4	11/18/2016	-	30.87	-
GH9-M4	12/19/2016	-	31.11	-
GH9-M4	1/17/2017	-	30.79	-
GH9-M4	2/24/2017	-	30.53	-
GH9-M4	3/27/2017	-	24.94	-
GH9-M4	4/17/2017	-	24.79	-
GH9-M4	5/22/2017	-	29.08	-
GH9-M4	6/20/2017	-	26.30	-
GH9-M4	7/28/2017	-	27.14	-
GH9-M4	8/25/2017	-	27.57	-
GH9-M4	9/11/2017	-	27.67	-
GH9-M4	10/16/2017	-	27.92	-
GH9-M4	11/15/2017	-	28.27	-
GH9-M4	12/11/2017	-	28.70	-
GH9-M4	1/22/2018	-	29.23	-
GH9-M4	2/14/2018	-	27.73	-
GH9-M4	3/19/2018	-	29.62	-
GH9-M4	4/23/2018	-	29.12	-
GH9-M4	5/10/2018	-	29.07	-
GH9-M4	6/19/2018	-	29.09	-
GH9-M4	7/10/2018	-	29.20	-
GH9-M4	8/20/2018	-	29.50	-
GH9-M4	9/17/2018	-	Buried	-
GH9-M4	10/4/2018	-	Buried	-
GH9-M4	11/5/2018	-	Buried	-
GH9-M4	12/17/2018	-	Buried	-
GH9-M4	1/3/2019	-	Buried	-
GH9-M4	2/25/2019	-	Buried	-
GH9-M4	3/21/2019	-	Buried	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M6-1	8/24/2015	-	6.61	-
M6-1	9/21/2015	-	6.43	-
M6-1	10/20/2015	-	6.72	-
M6-1	11/16/2015	-	6.68	-
M6-1	12/14/2015	-	6.35	-
M6-1	1/14/2016	-	6.63	-
M6-1	2/16/2016	-	7.03	-
M6-1	3/14/2016	-	6.45	-
M6-1	4/25/2016	-	7.15	-
M6-1	5/16/2016	-	6.85	-
M6-1	6/17/2016	-	7.04	-
M6-1	7/20/2016	-	7.34	-
M6-1	8/20/2016	-	7.61	-
M6-1	9/19/2016	-	7.87	-
M6-1	10/21/2016	-	7.83	-
M6-1	11/18/2016	-	7.19	-
M6-1	12/19/2016	-	7.26	-
M6-1	1/17/2017	-	5.81	-
M6-1	2/24/2017	-	4.96	-
M6-1	3/27/2017	-	7.17	-
M6-1	4/17/2017	-	6.77	-
M6-1	5/22/2017	-	7.74	-
M6-1	6/20/2017	-	7.14	-
M6-1	7/28/2017	-	6.97	-
M6-1	8/25/2017	-	7.14	-
M6-1	9/11/2017	-	7.18	-
M6-1	10/16/2017	-	6.71	-
M6-1	11/15/2017	-	6.57	-
M6-1	12/11/2017	-	7.20	-
M6-1	1/22/2018	-	6.79	-
M6-1	2/14/2018	-	6.93	-
M6-1	3/19/2018	-	6.36	-
M6-1	4/23/2018	-	6.70	-
M6-1	5/10/2018	-	6.20	-
M6-1	6/19/2018	-	5.03	-
M6-1	7/10/2018	-	6.43	-
M6-1	8/20/2018	-	6.53	-
M6-1	9/17/2018	-	6.60	-
M6-1	10/4/2018	-	6.75	-
M6-1	11/5/2018	-	6.60	-
M6-1	12/17/2018	-	6.64	-
M6-1	1/3/2019	-	6.71	-
M6-1	2/25/2019	-	3.93	-
M6-1	3/21/2019	-	5.76	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M6-2	8/24/2015	-	5.76	-
M6-2	9/21/2015	-	5.75	-
M6-2	10/20/2015	-	6.08	-
M6-2	11/16/2015	-	6.17	-
M6-2	12/14/2015	-	6.12	-
M6-2	1/14/2016	-	4.69	-
M6-2	2/16/2016	-	5.46	-
M6-2	3/14/2016	-	4.27	-
M6-2	4/25/2016	-	5.51	-
M6-2	5/16/2016	-	5.74	-
M6-2	6/17/2016	-	5.94	-
M6-2	7/20/2016	-	6.21	-
M6-2	8/20/2016	-	6.42	-
M6-2	9/19/2016	-	6.61	-
M6-2	10/21/2016	-	6.82	-
M6-2	11/18/2016	-	6.96	-
M6-2	12/19/2016	-	5.93	-
M6-2	1/17/2017	-	3.05	-
M6-2	2/24/2017	-	1.75	-
M6-2	3/27/2017	-	3.87	-
M6-2	4/17/2017	-	4.80	-
M6-2	5/22/2017	-	5.98	-
M6-2	6/20/2017	-	6.45	-
M6-2	7/28/2017	-	6.55	-
M6-2	8/25/2017	-	6.58	-
M6-2	9/11/2017	-	6.30	-
M6-2	10/16/2017	-	5.45	-
M6-2	11/15/2017	-	5.27	-
M6-2	12/11/2017	-	4.41	-
M6-2	1/22/2018	-	4.98	-
M6-2	2/14/2018	-	5.40	-
M6-2	3/19/2018	-	4.26	-
M6-2	4/23/2018	-	4.65	-
M6-2	5/10/2018	-	4.56	-
M6-2	6/19/2018	-	6.20	-
M6-2	7/10/2018	-	5.28	-
M6-2	8/20/2018	-	5.38	-
M6-2	9/17/2018	-	5.50	-
M6-2	10/4/2018	-	5.72	-
M6-2	11/5/2018	-	5.80	-
M6-2	12/17/2018	-	4.25	-
M6-2	1/3/2019	-	5.44	-
M6-2	2/25/2019	-	5.33	-
M6-2	3/21/2019	-	4.05	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M7-1	8/24/2015	-	8.09	-
M7-1	9/21/2015	-	8.12	-
M7-1	10/20/2015	-	8.40	-
M7-1	11/16/2015	-	8.48	-
M7-1	12/14/2015	-	8.30	-
M7-1	1/14/2016	-	8.04	-
M7-1	2/16/2016	-	8.36	-
M7-1	3/14/2016	-	7.83	-
M7-1	4/25/2016	-	8.46	-
M7-1	5/16/2016	-	8.17	-
M7-1	6/17/2016	-	8.22	-
M7-1	7/20/2016	-	8.54	-
M7-1	8/20/2016	-	8.74	-
M7-1	9/19/2016	-	8.88	-
M7-1	10/21/2016	-	9.01	-
M7-1	11/18/2016	-	8.98	-
M7-1	12/19/2016	-	8.68	-
M7-1	1/17/2017	-	6.94	-
M7-1	2/24/2017	-	5.13	-
M7-1	3/27/2017	-	6.71	-
M7-1	4/17/2017	-	7.52	-
M7-1	5/22/2017	-	8.28	-
M7-1	6/20/2017	-	8.22	-
M7-1	7/28/2017	-	8.37	-
M7-1	8/25/2017	-	8.61	-
M7-1	9/11/2017	-	8.76	-
M7-1	10/16/2017	-	8.14	-
M7-1	11/15/2017	-	7.95	-
M7-1	12/11/2017	-	8.25	-
M7-1	1/22/2018	-	7.95	-
M7-1	2/14/2018	-	7.96	-
M7-1	3/19/2018	-	7.18	-
M7-1	4/23/2018	-	7.41	-
M7-1	5/10/2018	-	7.30	-
M7-1	6/19/2018	-	7.37	-
M7-1	7/10/2018	-	7.50	-
M7-1	8/20/2018	-	7.88	-
M7-1	9/17/2018	-	8.17	-
M7-1	10/4/2018	-	8.36	-
M7-1	11/5/2018	-	8.40	-
M7-1	12/17/2018	-	7.97	-
M7-1	1/3/2019	-	8.68	
M7-1	2/25/2019	-	6.71	
M7-1	3/21/2019	-	6.36	

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M7-2	8/24/2015	-	7.78	-
M7-2	9/21/2015	-	7.91	-
M7-2	10/20/2015	-	8.15	-
M7-2	11/16/2015	-	8.27	-
M7-2	12/14/2015	-	8.28	-
M7-2	1/14/2016	-	7.34	-
M7-2	2/16/2016	-	7.74	-
M7-2	3/14/2016	-	7.03	-
M7-2	4/25/2016	-	7.84	-
M7-2	5/16/2016	-	7.70	-
M7-2	6/17/2016	-	7.77	-
M7-2	7/20/2016	-	8.05	-
M7-2	8/20/2016	-	8.26	-
M7-2	9/19/2016	-	8.42	-
M7-2	10/21/2016	-	8.64	-
M7-2	11/18/2016	-	8.88	-
M7-2	12/19/2016	-	8.21	-
M7-2	1/17/2017	-	5.91	-
M7-2	2/24/2017	-	3.56	-
M7-2	3/27/2017	-	5.29	-
M7-2	4/17/2017	-	6.88	-
M7-2	5/22/2017	-	7.73	-
M7-2	6/20/2017	-	8.07	-
M7-2	7/28/2017	-	8.28	-
M7-2	8/25/2017	-	8.58	-
M7-2	9/11/2017	-	7.45	-
M7-2	10/16/2017	-	7.64	-
M7-2	11/15/2017	-	7.58	-
M7-2	12/11/2017	-	7.68	-
M7-2	1/22/2018	-	7.43	-
M7-2	2/14/2018	-	7.47	-
M7-2	3/19/2018	-	6.40	-
M7-2	4/23/2018	-	6.75	-
M7-2	5/10/2018	-	6.64	-
M7-2	6/19/2018	-	6.98	-
M7-2	7/10/2018	-	7.06	-
M7-2	8/20/2018	-	7.57	-
M7-2	9/17/2018	-	7.88	-
M7-2	10/4/2018	-	8.05	-
M7-2	11/5/2018	-	8.00	-
M7-2	12/17/2018	-	7.32	-
M7-2	1/3/2019	-	8.17	-
M7-2	2/25/2019	-	5.44	-
M7-2	3/21/2019	-	5.30	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-7	8/24/2015	16.64	11.26	5.38
MBCMW-7	9/21/2015	16.64	10.94	5.70
MBCMW-7	10/20/2015	16.64	11.09	5.55
MBCMW-7	11/16/2015	16.64	11.11	5.53
MBCMW-7	12/14/2015	16.64	10.27	6.37
MBCMW-7	1/14/2016	16.64	11.39	5.25
MBCMW-7	2/16/2016	16.64	11.75	4.89
MBCMW-7	3/14/2016	16.64	11.55	5.09
MBCMW-7	4/25/2016	16.64	11.44	5.20
MBCMW-7	5/16/2016	16.64	11.22	5.42
MBCMW-7	6/17/2016	16.64	11.71	4.93
MBCMW-7	7/20/2016	16.64	12.12	4.52
MBCMW-7	8/20/2016	16.64	12.27	4.37
MBCMW-7	9/19/2016	16.64	12.65	3.99
MBCMW-7	10/21/2016	16.64	12.32	4.32
MBCMW-7	11/18/2016	16.64	10.31	6.33
MBCMW-7	12/19/2016	16.64	11.65	4.99
MBCMW-7	1/17/2017	16.64	11.29	5.35
MBCMW-7	2/24/2017	16.64	10.96	5.68
MBCMW-7	3/27/2017	16.64	12.84	3.80
MBCMW-7	4/17/2017	16.64	11.89	4.75
MBCMW-7	5/22/2017	16.64	12.56	4.08
MBCMW-7	6/20/2017	16.64	11.57	5.07
MBCMW-7	7/28/2017	16.64	11.35	5.29
MBCMW-7	8/25/2017	16.64	11.61	5.03
MBCMW-7	9/11/2017	16.64	9.28	7.36
MBCMW-7	10/16/2017	16.64	11.28	5.36
MBCMW-7	11/15/2017	16.64	11.12	5.52
MBCMW-7	12/11/2017	16.64	12.03	4.61
MBCMW-7	1/22/2018	16.64	11.74	4.90
MBCMW-7	2/14/2018	16.64	11.39	5.25
MBCMW-7	3/19/2018	16.64	11.45	5.19
MBCMW-7	4/23/2018	16.64	11.51	5.13
MBCMW-7	5/10/2018	16.64	10.93	5.71
MBCMW-7	6/19/2018	16.64	10.76	5.88
MBCMW-7	7/10/2018	16.64	11.09	5.55
MBCMW-7	8/20/2018	16.64	11.11	5.53
MBCMW-7	9/17/2018	16.64	11.02	5.62
MBCMW-7	10/4/2018	16.64	10.87	5.77
MBCMW-7	11/5/2018	16.64	10.74	5.90
MBCMW-7	12/17/2018	16.64	11.57	5.07
MBCMW-7	1/3/2019	16.64	9.14	7.50
MBCMW-7	2/25/2019	16.64	11.65	4.99
MBCMW-7	3/21/2019	16.64	11.25	5.39



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-8	8/24/2015	16.53	9.11	7.42
MBCMW-8	9/21/2015	16.53	9.13	7.40
MBCMW-8	10/20/2015	16.53	9.44	7.09
MBCMW-8	11/16/2015	16.53	9.58	6.95
MBCMW-8	12/14/2015	16.53	9.59	6.94
MBCMW-8	1/14/2016	16.53	8.05	8.48
MBCMW-8	2/16/2016	16.53	8.66	7.87
MBCMW-8	3/14/2016	16.53	7.36	9.17
MBCMW-8	4/25/2016	16.53	8.54	7.99
MBCMW-8	5/16/2016	16.53	8.89	7.64
MBCMW-8	6/17/2016	16.53	9.16	7.37
MBCMW-8	7/20/2016	16.53	9.46	7.07
MBCMW-8	8/20/2016	16.53	9.73	6.80
MBCMW-8	9/19/2016	16.53	9.99	6.54
MBCMW-8	10/21/2016	16.53	10.02	6.51
MBCMW-8	11/18/2016	16.53	10.11	6.42
MBCMW-8	12/19/2016	16.53	9.61	6.92
MBCMW-8	1/17/2017	16.53	7.03	9.50
MBCMW-8	2/24/2017	16.53	4.41	12.12
MBCMW-8	3/27/2017	16.53	6.13	10.40
MBCMW-8	4/17/2017	16.53	7.45	9.08
MBCMW-8	5/22/2017	16.53	7.89	8.64
MBCMW-8	6/20/2017	16.53	8.82	7.71
MBCMW-8	7/28/2017	16.53	9.57	6.96
MBCMW-8	8/25/2017	16.53	9.76	6.77
MBCMW-8	9/11/2017	16.53	10.03	6.50
MBCMW-8	10/16/2017	16.53	8.07	8.46
MBCMW-8	11/15/2017	16.53	7.84	8.69
MBCMW-8	12/11/2017	16.53	8.51	8.02
MBCMW-8	1/22/2018	16.53	8.25	8.28
MBCMW-8	2/14/2018	16.53	8.61	7.92
MBCMW-8	3/19/2018	16.53	7.51	9.02
MBCMW-8	4/23/2018	16.53	7.51	9.02
MBCMW-8	5/10/2018	16.53	7.89	8.64
MBCMW-8	6/19/2018	16.53	8.40	8.13
MBCMW-8	7/10/2018	16.53	8.69	7.84
MBCMW-8	8/20/2018	16.53	8.93	7.60
MBCMW-8	9/17/2018	16.53	9.00	7.53
MBCMW-8	10/4/2018	16.53	9.29	7.24
MBCMW-8	11/5/2018	16.53	9.29	7.24
MBCMW-8	12/17/2018	16.53	8.10	8.43
MBCMW-8	1/3/2019	16.53	8.75	7.78
MBCMW-8	2/25/2019	16.53	5.05	11.48
MBCMW-8	3/21/2019	16.53	5.70	10.83



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-9	8/24/2015	17.71	8.70	9.01
MBCMW-9	9/21/2015	17.71	8.83	8.88
MBCMW-9	10/20/2015	17.71	9.00	8.71
MBCMW-9	11/16/2015	17.71	9.09	8.62
MBCMW-9	12/14/2015	17.71	9.09	8.62
MBCMW-9	1/14/2016	17.71	8.30	9.41
MBCMW-9	2/16/2016	17.71	8.06	9.65
MBCMW-9	3/14/2016	17.71	7.83	9.88
MBCMW-9	4/25/2016	17.71	8.21	9.50
MBCMW-9	5/16/2016	17.71	8.40	9.31
MBCMW-9	6/17/2016	17.71	8.64	9.07
MBCMW-9	7/20/2016	17.71	8.78	8.93
MBCMW-9	8/20/2016	17.71	8.80	8.91
MBCMW-9	9/19/2016	17.71	8.80	8.91
MBCMW-9	10/21/2016	17.71	9.29	8.42
MBCMW-9	11/18/2016	17.71	9.15	8.56
MBCMW-9	12/19/2016	17.71	8.75	8.96
MBCMW-9	1/17/2017	17.71	8.06	9.65
MBCMW-9	2/24/2017	17.71	5.11	12.60
MBCMW-9	3/27/2017	17.71	5.44	12.27
MBCMW-9	4/17/2017	17.71	5.99	11.72
MBCMW-9	5/22/2017	17.71	6.28	11.43
MBCMW-9	6/20/2017	17.71	6.76	10.95
MBCMW-9	7/28/2017	17.71	7.98	9.73
MBCMW-9	8/25/2017	17.71	8.31	9.40
MBCMW-9	9/11/2017	17.71	8.67	9.04
MBCMW-9	10/16/2017	17.71	7.83	9.88
MBCMW-9	11/15/2017	17.71	7.50	10.21
MBCMW-9	12/11/2017	17.71	7.73	9.98
MBCMW-9	1/22/2018	17.71	7.39	10.32
MBCMW-9	2/14/2018	17.71	9.03	8.68
MBCMW-9	3/19/2018	17.71	7.08	10.63
MBCMW-9	4/23/2018	17.71	9.20	8.51
MBCMW-9	5/10/2018	17.71	6.79	10.92
MBCMW-9	6/19/2018	17.71	7.70	10.01
MBCMW-9	7/10/2018	17.71	8.06	9.65
MBCMW-9	8/20/2018	17.71	8.40	9.31
MBCMW-9	9/17/2018	17.71	8.40	9.31
MBCMW-9	10/4/2018	17.71	8.52	9.19
MBCMW-9	11/5/2018	17.71	8.50	9.21
MBCMW-9	12/17/2018	17.71	9.30	8.41
MBCMW-9	1/3/2019	17.71	7.82	9.89
MBCMW-9	2/25/2019	17.71	5.40	12.31
MBCMW-9	3/21/2019	17.71	5.30	12.41

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-10	8/24/2015	17.74	8.63	9.11
MBCMW-10	9/21/2015	17.74	8.20	9.54
MBCMW-10	10/20/2015	17.74	8.40	9.34
MBCMW-10	11/16/2015	17.74	8.35	9.39
MBCMW-10	12/14/2015	17.74	7.34	10.40
MBCMW-10	1/14/2016	17.74	8.82	8.92
MBCMW-10	2/16/2016	17.74	9.34	8.40
MBCMW-10	3/14/2016	17.74	8.97	8.77
MBCMW-10	4/25/2016	17.74	9.22	8.52
MBCMW-10	5/16/2016	17.74	8.75	8.99
MBCMW-10	6/17/2016	17.74	8.58	9.16
MBCMW-10	7/20/2016	17.74	9.29	8.45
MBCMW-10	8/20/2016	17.74	9.52	8.22
MBCMW-10	9/19/2016	17.74	9.85	7.89
MBCMW-10	10/21/2016	17.74	9.67	8.07
MBCMW-10	11/18/2016	17.74	8.31	9.43
MBCMW-10	12/19/2016	17.74	8.97	8.77
MBCMW-10	1/17/2017	17.74	8.67	9.07
MBCMW-10	2/24/2017	17.74	8.55	9.19
MBCMW-10	3/27/2017	17.74	10.12	7.62
MBCMW-10	4/17/2017	17.74	9.43	8.31
MBCMW-10	5/22/2017	17.74	10.07	7.67
MBCMW-10	6/20/2017	17.74	8.87	8.87
MBCMW-10	7/28/2017	17.74	8.84	8.90
MBCMW-10	8/25/2017	17.74	8.92	8.82
MBCMW-10	9/11/2017	17.74	8.41	9.33
MBCMW-10	10/16/2017	17.74	8.38	9.36
MBCMW-10	11/15/2017	17.74	8.36	9.38
MBCMW-10	12/11/2017	17.74	9.70	8.04
MBCMW-10	1/22/2018	17.74	9.10	8.64
MBCMW-10	2/14/2018	17.74	7.70	10.04
MBCMW-10	3/19/2018	17.74	8.61	9.13
MBCMW-10	4/23/2018	17.74	6.79	10.95
MBCMW-10	5/10/2018	17.74	8.29	9.45
MBCMW-10	6/19/2018	17.74	8.34	9.40
MBCMW-10	7/10/2018	17.74	8.29	9.45
MBCMW-10	8/20/2018	17.74	8.45	9.29
MBCMW-10	9/17/2018	17.74	8.30	9.44
MBCMW-10	10/4/2018	17.74	8.38	9.36
MBCMW-10	11/5/2018	17.74	8.25	9.49
MBCMW-10	12/17/2018	17.74	7.60	10.14
MBCMW-10	1/3/2019	17.74	9.24	8.50
MBCMW-10	2/25/2019	17.74	9.10	8.64
MBCMW-10	3/21/2019	17.74	8.51	9.23



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW04S	8/24/2015	15.29	7.55	7.74
MCWP-MW04S	9/21/2015	15.29	7.67	7.62
MCWP-MW04S	10/20/2015	15.29	7.85	7.44
MCWP-MW04S	11/16/2015	15.29	7.99	7.30
MCWP-MW04S	12/14/2015	15.29	8.06	7.23
MCWP-MW04S	1/14/2016	15.29	6.48	8.81
MCWP-MW04S	2/16/2016	15.29	7.08	8.21
MCWP-MW04S	3/14/2016	15.29	5.92	9.37
MCWP-MW04S	4/25/2016	15.29	7.10	8.19
MCWP-MW04S	5/16/2016	15.29	7.36	7.93
MCWP-MW04S	6/17/2016	15.29	7.64	7.65
MCWP-MW04S	7/20/2016	15.29	7.95	7.34
MCWP-MW04S	8/20/2016	15.29	8.18	7.11
MCWP-MW04S	9/19/2016	15.29	8.35	6.94
MCWP-MW04S	10/21/2016	15.29	8.88	6.41
MCWP-MW04S	11/18/2016	15.29	8.40	6.89
MCWP-MW04S	12/19/2016	15.29	8.67	6.62
MCWP-MW04S	1/17/2017	15.29	6.62	8.67
MCWP-MW04S	2/24/2017	15.29	3.34	11.95
MCWP-MW04S	3/27/2017	15.29	5.20	10.09
MCWP-MW04S	4/17/2017	15.29	6.19	9.10
MCWP-MW04S	5/22/2017	15.29	6.73	8.56
MCWP-MW04S	6/20/2017	15.29	7.41	7.88
MCWP-MW04S	7/28/2017	15.29	7.91	7.38
MCWP-MW04S	8/25/2017	15.29	8.08	7.21
MCWP-MW04S	9/11/2017	15.29	7.87	7.42
MCWP-MW04S	10/16/2017	15.29	6.74	8.55
MCWP-MW04S	11/15/2017	15.29	6.71	8.58
MCWP-MW04S	12/11/2017	15.29	7.15	8.14
MCWP-MW04S	1/22/2018	15.29	6.86	8.43
MCWP-MW04S	2/14/2018	15.29	7.32	7.97
MCWP-MW04S	3/19/2018	15.29	6.05	9.24
MCWP-MW04S	4/23/2018	15.29	6.05	9.24
MCWP-MW04S	5/10/2018	15.29	6.20	9.09
MCWP-MW04S	6/19/2018	15.29	6.95	8.34
MCWP-MW04S	7/10/2018	15.29	7.19	8.10
MCWP-MW04S	8/20/2018	15.29	7.28	8.01
MCWP-MW04S	9/17/2018	15.29	7.33	7.96
MCWP-MW04S	10/4/2018	15.29	7.65	7.64
MCWP-MW04S	11/5/2018	15.29	7.72	7.57
MCWP-MW04S	12/17/2018	15.29	6.55	8.74
MCWP-MW04S	1/3/2019	15.29	7.14	8.15
MCWP-MW04S	2/25/2019	15.29	3.70	11.59
MCWP-MW04S	3/21/2019	15.29	4.15	11.14



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW07S	8/24/2015	13.72	6.76	6.96
MCWP-MW07S	9/21/2015	13.72	7.13	6.59
MCWP-MW07S	10/20/2015	13.72	6.44	7.28
MCWP-MW07S	11/16/2015	13.72	6.74	6.98
MCWP-MW07S	12/14/2015	13.72	6.56	7.16
MCWP-MW07S	1/14/2016	13.72	6.19	7.53
MCWP-MW07S	2/16/2016	13.72	6.75	6.97
MCWP-MW07S	3/14/2016	13.72	5.85	7.87
MCWP-MW07S	4/25/2016	13.72	6.49	7.23
MCWP-MW07S	5/16/2016	13.72	6.73	6.99
MCWP-MW07S	6/17/2016	13.72	N/A	-
MCWP-MW07S	7/20/2016	13.72	6.18	7.54
MCWP-MW07S	8/20/2016	13.72	6.25	7.47
MCWP-MW07S	9/19/2016	13.72	6.48	7.24
MCWP-MW07S	10/21/2016	13.72	6.61	7.11
MCWP-MW07S	11/18/2016	13.72	6.70	7.02
MCWP-MW07S	12/19/2016	13.72	6.67	7.05
MCWP-MW07S	1/17/2017	13.72	6.11	7.61
MCWP-MW07S	2/24/2017	13.72	N/A	-
MCWP-MW07S	3/27/2017	13.72	N/A	-
MCWP-MW07S	4/17/2017	13.72	N/A	-
MCWP-MW07S	5/22/2017	13.72	N/A	-
MCWP-MW07S	6/20/2017	13.72	N/A	-
MCWP-MW07S	7/28/2017	13.72	5.79	7.93
MCWP-MW07S	8/25/2017	13.72	6.09	7.63
MCWP-MW07S	9/11/2017	13.72	6.02	7.70
MCWP-MW07S	10/16/2017	13.72	6.04	7.68
MCWP-MW07S	11/15/2017	13.72	6.50	7.22
MCWP-MW07S	12/11/2017	13.72	5.73	7.99
MCWP-MW07S	1/22/2018	13.72	5.92	7.80
MCWP-MW07S	2/14/2018	13.72	6.23	7.49
MCWP-MW07S	3/19/2018	13.72	6.05	7.67
MCWP-MW07S	4/23/2018	13.72	6.15	7.57
MCWP-MW07S	5/10/2018	13.72	6.23	7.49
MCWP-MW07S	6/19/2018	13.72	5.78	7.94
MCWP-MW07S	7/10/2018	13.72	6.09	7.63
MCWP-MW07S	8/20/2018	13.72	5.72	8.00
MCWP-MW07S	9/17/2018	13.72	5.76	7.96
MCWP-MW07S	10/4/2018	13.72	5.98	7.74
MCWP-MW07S	11/5/2018	13.72	5.76	7.96
MCWP-MW07S	12/17/2018	13.72	5.65	8.07
MCWP-MW07S	1/3/2019	13.72	5.70	8.02
MCWP-MW07S	2/25/2019	13.72	4.85	8.87
MCWP-MW07S	3/21/2019	13.72	4.42	9.30



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW08	8/24/2015	12.21	7.64	4.57
MCWP-MW08	9/21/2015	12.21	7.42	4.79
MCWP-MW08	10/20/2015	12.21	7.61	4.60
MCWP-MW08	11/16/2015	12.21	7.40	4.81
MCWP-MW08	12/14/2015	12.21	6.62	5.59
MCWP-MW08	1/14/2016	12.21	8.46	3.75
MCWP-MW08	2/16/2016	12.21	8.27	3.94
MCWP-MW08	3/14/2016	12.21	7.96	4.25
MCWP-MW08	4/25/2016	12.21	7.83	4.38
MCWP-MW08	5/16/2016	12.21	6.87	5.34
MCWP-MW08	6/17/2016	12.21	6.97	5.24
MCWP-MW08	7/20/2016	12.21	7.76	4.45
MCWP-MW08	8/20/2016	12.21	7.77	4.44
MCWP-MW08	9/19/2016	12.21	7.74	4.47
MCWP-MW08	10/21/2016	12.21	8.00	4.21
MCWP-MW08	11/18/2016	12.21	7.27	4.94
MCWP-MW08	12/19/2016	12.21	8.57	3.64
MCWP-MW08	1/17/2017	12.21	8.00	4.21
MCWP-MW08	2/24/2017	12.21	8.77	3.44
MCWP-MW08	3/27/2017	12.21	8.81	3.40
MCWP-MW08	4/17/2017	12.21	8.74	3.47
MCWP-MW08	5/22/2017	12.21	9.04	3.17
MCWP-MW08	6/20/2017	12.21	7.47	4.74
MCWP-MW08	7/28/2017	12.21	7.21	5.00
MCWP-MW08	8/25/2017	12.21	7.40	4.81
MCWP-MW08	9/11/2017	12.21	7.68	4.53
MCWP-MW08	10/16/2017	12.21	7.72	4.49
MCWP-MW08	11/15/2017	12.21	7.78	4.43
MCWP-MW08	12/11/2017	12.21	9.02	3.19
MCWP-MW08	1/22/2018	12.21	8.73	3.48
MCWP-MW08	2/14/2018	12.21	7.85	4.36
MCWP-MW08	3/19/2018	12.21	8.34	3.87
MCWP-MW08	4/23/2018	12.21	8.47	3.74
MCWP-MW08	5/10/2018	12.21	7.61	4.60
MCWP-MW08	6/19/2018	12.21	7.03	5.18
MCWP-MW08	7/10/2018	12.21	7.22	4.99
MCWP-MW08	8/20/2018	12.21	7.43	4.78
MCWP-MW08	9/17/2018	12.21	7.57	4.64
MCWP-MW08	10/4/2018	12.21	7.80	4.41
MCWP-MW08	11/5/2018	12.21	7.79	4.42
MCWP-MW08	12/17/2018	12.21	8.18	4.03
MCWP-MW08	1/3/2019	12.21	8.76	3.45
MCWP-MW08	2/25/2019	12.21	9.15	3.06
MCWP-MW08	3/21/2019	12.21	4.75	7.46



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW10	8/24/2015	11.11	5.70	5.41
MCWP-MW10	9/21/2015	11.11	5.55	5.56
MCWP-MW10	10/20/2015	11.11	5.81	5.30
MCWP-MW10	11/16/2015	11.11	5.74	5.37
MCWP-MW10	12/14/2015	11.11	4.59	6.52
MCWP-MW10	1/14/2016	11.11	8.09	3.02
MCWP-MW10	2/16/2016	11.11	7.98	3.13
MCWP-MW10	3/14/2016	11.11	8.04	3.07
MCWP-MW10	4/25/2016	11.11	7.07	4.04
MCWP-MW10	5/16/2016	11.11	5.63	5.48
MCWP-MW10	6/17/2016	11.11	5.73	5.38
MCWP-MW10	7/20/2016	11.11	6.02	5.09
MCWP-MW10	8/20/2016	11.11	6.34	4.77
MCWP-MW10	9/19/2016	11.11	6.70	4.41
MCWP-MW10	10/21/2016	11.11	6.61	4.50
MCWP-MW10	11/18/2016	11.11	5.57	5.54
MCWP-MW10	12/19/2016	11.11	N/A	-
MCWP-MW10	1/17/2017	11.11	8.11	3.00
MCWP-MW10	2/24/2017	11.11	8.45	2.66
MCWP-MW10	3/27/2017	11.11	8.70	2.41
MCWP-MW10	4/17/2017	11.11	8.58	2.53
MCWP-MW10	5/22/2017	11.11	8.26	2.85
MCWP-MW10	6/20/2017	11.11	5.70	5.41
MCWP-MW10	7/28/2017	11.11	5.43	5.68
MCWP-MW10	8/25/2017	11.11	5.64	5.47
MCWP-MW10	9/11/2017	11.11	6.10	5.01
MCWP-MW10	10/16/2017	11.11	5.88	5.23
MCWP-MW10	11/15/2017	11.11	5.83	5.28
MCWP-MW10	12/11/2017	11.11	8.23	2.88
MCWP-MW10	1/22/2018	11.11	7.99	3.12
MCWP-MW10	2/14/2018	11.11	7.73	3.38
MCWP-MW10	3/19/2018	11.11	8.12	2.99
MCWP-MW10	4/23/2018	11.11	7.25	3.86
MCWP-MW10	5/10/2018	11.11	5.86	5.25
MCWP-MW10	6/19/2018	11.11	4.91	6.20
MCWP-MW10	7/10/2018	11.11	5.33	5.78
MCWP-MW10	8/20/2018	11.11	5.56	5.55
MCWP-MW10	9/17/2018	11.11	5.51	5.60
MCWP-MW10	10/4/2018	11.11	5.63	5.48
MCWP-MW10	11/5/2018	11.11	5.64	5.47
MCWP-MW10	12/17/2018	11.11	8.55	2.56
MCWP-MW10	1/3/2019	11.11	8.30	2.81
MCWP-MW10	2/25/2019	11.11	8.67	2.44
MCWP-MW10	3/21/2019	11.11	8.07	3.04



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
P-4	8/24/2015	12.16	4.58	7.58
P-4	9/21/2015	12.16	4.47	7.69
P-4	10/20/2015	12.16	4.71	7.45
P-4	11/16/2015	12.16	4.65	7.51
P-4	12/14/2015	12.16	3.52	8.64
P-4	1/14/2016	12.16	6.93	5.23
P-4	2/16/2016	12.16	6.88	5.28
P-4	3/14/2016	12.16	6.92	5.24
P-4	4/25/2016	12.16	6.00	6.16
P-4	5/16/2016	12.16	4.57	7.59
P-4	6/17/2016	12.16	4.68	7.48
P-4	7/20/2016	12.16	4.95	7.21
P-4	8/20/2016	12.16	5.27	6.89
P-4	9/19/2016	12.16	5.63	6.53
P-4	10/21/2016	12.16	5.55	6.61
P-4	11/18/2016	12.16	4.51	7.65
P-4	12/19/2016	12.16	7.17	4.99
P-4	1/17/2017	12.16	6.98	5.18
P-4	2/24/2017	12.16	7.12	5.04
P-4	3/27/2017	12.16	7.71	4.45
P-4	4/17/2017	12.16	7.48	4.68
P-4	5/22/2017	12.16	7.22	4.94
P-4	6/20/2017	12.16	4.72	7.44
P-4	7/28/2017	12.16	4.35	7.81
P-4	8/25/2017	12.16	4.61	7.55
P-4	9/11/2017	12.16	4.94	7.22
P-4	10/16/2017	12.16	4.75	7.41
P-4	11/15/2017	12.16	4.74	7.42
P-4	12/11/2017	12.16	7.53	4.63
P-4	1/22/2018	12.16	6.84	5.32
P-4	2/14/2018	12.16	7.22	4.94
P-4	3/19/2018	12.16	6.95	5.21
P-4	4/23/2018	12.16	6.15	6.01
P-4	5/10/2018	12.16	4.75	7.41
P-4	6/19/2018	12.16	3.85	8.31
P-4	7/10/2018	12.16	4.27	7.89
P-4	8/20/2018	12.16	4.35	7.81
P-4	9/17/2018	12.16	4.80	7.36
P-4	10/4/2018	12.16	4.75	7.41
P-4	11/5/2018	12.16	5.00	7.16
P-4	12/17/2018	12.16	7.47	4.69
P-4	1/3/2019	12.16	7.08	5.08
P-4	2/25/2019	12.16	7.75	4.41
P-4	3/21/2019	12.16	6.91	5.25

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
P-9	8/24/2015	12.17	5.07	7.10
P-9	9/21/2015	12.17	4.90	7.27
P-9	10/20/2015	12.17	5.18	6.99
P-9	11/16/2015	12.17	5.08	7.09
P-9	12/14/2015	12.17	3.92	8.25
P-9	1/14/2016	12.17	7.49	4.68
P-9	2/16/2016	12.17	7.53	4.64
P-9	3/14/2016	12.17	7.66	4.51
P-9	4/25/2016	12.17	6.49	5.68
P-9	5/16/2016	12.17	5.02	7.15
P-9	6/17/2016	12.17	5.09	7.08
P-9	7/20/2016	12.17	5.34	6.83
P-9	8/20/2016	12.17	5.70	6.47
P-9	9/19/2016	12.17	6.06	6.11
P-9	10/21/2016	12.17	6.01	6.16
P-9	11/18/2016	12.17	4.91	7.26
P-9	12/19/2016	12.17	7.81	4.36
P-9	1/17/2017	12.17	7.68	4.49
P-9	2/24/2017	12.17	7.82	4.35
P-9	3/27/2017	12.17	8.00	4.17
P-9	4/17/2017	12.17	8.16	4.01
P-9	5/22/2017	12.17	7.59	4.58
P-9	6/20/2017	12.17	5.03	7.14
P-9	7/28/2017	12.17	4.77	7.40
P-9	8/25/2017	12.17	4.95	7.22
P-9	9/11/2017	12.17	5.37	6.80
P-9	10/16/2017	12.17	5.24	6.93
P-9	11/15/2017	12.17	5.20	6.97
P-9	12/11/2017	12.17	8.26	3.91
P-9	1/22/2018	12.17	7.44	4.73
P-9	2/14/2018	12.17	7.15	5.02
P-9	3/19/2018	12.17	7.53	4.64
P-9	4/23/2018	12.17	6.60	5.57
P-9	5/10/2018	12.17	5.15	7.02
P-9	6/19/2018	12.17	4.23	7.94
P-9	7/10/2018	12.17	4.73	7.44
P-9	8/20/2018	12.17	4.74	7.43
P-9	9/17/2018	12.17	4.80	7.37
P-9	10/4/2018	12.17	4.98	7.19
P-9	11/5/2018	12.17	5.00	7.17
P-9	12/17/2018	12.17	8.23	3.94
P-9	1/3/2019	12.17	7.51	4.66
P-9	2/25/2019	12.17	8.33	3.84
P-9	3/21/2019	12.17	7.21	4.96



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-2	8/24/2015	13.13	6.04	7.09
SMBRP-2	9/21/2015	13.13	5.91	7.22
SMBRP-2	10/20/2015	13.13	6.16	6.97
SMBRP-2	11/16/2015	13.13	6.09	7.04
SMBRP-2	12/14/2015	13.13	4.84	8.29
SMBRP-2	1/14/2016	13.13	8.80	4.33
SMBRP-2	2/16/2016	13.13	8.54	4.59
SMBRP-2	3/14/2016	13.13	8.58	4.55
SMBRP-2	4/25/2016	13.13	7.59	5.54
SMBRP-2	5/16/2016	13.13	6.07	7.06
SMBRP-2	6/17/2016	13.13	6.14	6.99
SMBRP-2	7/20/2016	13.13	6.36	6.77
SMBRP-2	8/20/2016	13.13	6.73	6.40
SMBRP-2	9/19/2016	13.13	7.11	6.02
SMBRP-2	10/21/2016	13.13	6.98	6.15
SMBRP-2	11/18/2016	13.13	5.94	7.19
SMBRP-2	12/19/2016	13.13	8.87	4.26
SMBRP-2	1/17/2017	13.13	8.64	4.49
SMBRP-2	2/24/2017	13.13	8.94	4.19
SMBRP-2	3/27/2017	13.13	9.25	3.88
SMBRP-2	4/17/2017	13.13	9.15	3.98
SMBRP-2	5/22/2017	13.13	8.68	4.45
SMBRP-2	6/20/2017	13.13	5.78	7.35
SMBRP-2	7/28/2017	13.13	5.58	7.55
SMBRP-2	8/25/2017	13.13	5.74	7.39
SMBRP-2	9/11/2017	13.13	6.17	6.96
SMBRP-2	10/16/2017	13.13	6.22	6.91
SMBRP-2	11/15/2017	13.13	6.13	7.00
SMBRP-2	12/11/2017	13.13	9.22	3.91
SMBRP-2	1/22/2018	13.13	8.53	4.60
SMBRP-2	2/14/2018	13.13	8.60	4.53
SMBRP-2	3/19/2018	13.13	8.70	4.43
SMBRP-2	4/23/2018	13.13	7.78	5.35
SMBRP-2	5/10/2018	13.13	6.18	6.95
SMBRP-2	6/19/2018	13.13	5.21	7.92
SMBRP-2	7/10/2018	13.13	5.64	7.49
SMBRP-2	8/20/2018	13.13	5.70	7.43
SMBRP-2	9/17/2018	13.13	5.75	7.38
SMBRP-2	10/4/2018	13.13	5.72	7.41
SMBRP-2	11/5/2018	13.13	5.90	7.23
SMBRP-2	12/17/2018	13.13	9.08	4.05
SMBRP-2	1/3/2019	13.13	9.07	4.06
SMBRP-2	2/25/2019	13.13	9.19	3.94
SMBRP-2	3/21/2019	13.13	8.72	4.41



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-6	8/24/2015	26.88	16.49	10.39
SMBRP-6	9/21/2015	26.88	15.95	10.93
SMBRP-6	10/20/2015	26.88	16.66	10.22
SMBRP-6	11/16/2015	26.88	16.47	10.41
SMBRP-6	12/14/2015	26.88	14.78	12.10
SMBRP-6	1/14/2016	26.88	14.68	12.20
SMBRP-6	2/16/2016	26.88	15.22	11.66
SMBRP-6	3/14/2016	26.88	14.43	12.45
SMBRP-6	4/25/2016	26.88	16.60	10.28
SMBRP-6	5/16/2016	26.88	16.81	10.07
SMBRP-6	6/17/2016	26.88	17.87	9.01
SMBRP-6	7/20/2016	26.88	18.52	8.36
SMBRP-6	8/20/2016	26.88	19.01	7.87
SMBRP-6	9/19/2016	26.88	19.61	7.27
SMBRP-6	10/21/2016	26.88	18.13	8.75
SMBRP-6	11/18/2016	26.88	16.12	10.76
SMBRP-6	12/19/2016	26.88	14.46	12.42
SMBRP-6	1/17/2017	26.88	14.14	12.74
SMBRP-6	2/24/2017	26.88	13.14	13.74
SMBRP-6	3/27/2017	26.88	15.01	11.87
SMBRP-6	4/17/2017	26.88	14.79	12.09
SMBRP-6	5/22/2017	26.88	15.44	11.44
SMBRP-6	6/20/2017	26.88	15.87	11.01
SMBRP-6	7/28/2017	26.88	16.32	10.56
SMBRP-6	8/25/2017	26.88	16.39	10.49
SMBRP-6	9/11/2017	26.88	16.48	10.40
SMBRP-6	10/16/2017	26.88	16.27	10.61
SMBRP-6	11/15/2017	26.88	16.40	10.48
SMBRP-6	12/11/2017	26.88	16.40	10.48
SMBRP-6	1/22/2018	26.88	14.78	12.10
SMBRP-6	2/14/2018	26.88	14.89	11.99
SMBRP-6	3/19/2018	26.88	14.32	12.56
SMBRP-6	4/23/2018	26.88	15.10	11.78
SMBRP-6	5/10/2018	26.88	15.21	11.67
SMBRP-6	6/19/2018	26.88	16.15	10.73
SMBRP-6	7/10/2018	26.88	16.45	10.43
SMBRP-6	8/20/2018	26.88	16.60	10.28
SMBRP-6	9/17/2018	26.88	inaccesible	-
SMBRP-6	10/4/2018	26.88	16.17	10.71
SMBRP-6	11/5/2018	26.88	15.80	11.08
SMBRP-6	12/17/2018	26.88	15.22	11.66
SMBRP-6	1/3/2019	26.88	15.76	11.12
SMBRP-6	2/25/2019	26.88	14.79	12.09
SMBRP-6	3/21/2019	26.88	14.86	12.02



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-7B	8/24/2015	18.99	10.69	8.30
SMBRP-7B	9/21/2015	18.99	10.62	8.37
SMBRP-7B	10/20/2015	18.99	10.77	8.22
SMBRP-7B	11/16/2015	18.99	10.78	8.21
SMBRP-7B	12/14/2015	18.99	10.60	8.39
SMBRP-7B	1/14/2016	18.99	10.83	8.16
SMBRP-7B	2/16/2016	18.99	11.08	7.91
SMBRP-7B	3/14/2016	18.99	10.84	8.15
SMBRP-7B	4/25/2016	18.99	11.23	7.76
SMBRP-7B	5/16/2016	18.99	11.04	7.95
SMBRP-7B	6/17/2016	18.99	11.08	7.91
SMBRP-7B	7/20/2016	18.99	11.31	7.68
SMBRP-7B	8/20/2016	18.99	11.54	7.45
SMBRP-7B	9/19/2016	18.99	11.68	7.31
SMBRP-7B	10/21/2016	18.99	11.81	7.18
SMBRP-7B	11/18/2016	18.99	11.49	7.50
SMBRP-7B	12/19/2016	18.99	11.33	7.66
SMBRP-7B	1/17/2017	18.99	10.18	8.81
SMBRP-7B	2/24/2017	18.99	8.13	10.86
SMBRP-7B	3/27/2017	18.99	9.68	9.31
SMBRP-7B	4/17/2017	18.99	9.90	9.09
SMBRP-7B	5/22/2017	18.99	10.51	8.48
SMBRP-7B	6/20/2017	18.99	10.71	8.28
SMBRP-7B	7/28/2017	18.99	10.99	8.00
SMBRP-7B	8/25/2017	18.99	11.66	7.33
SMBRP-7B	9/11/2017	18.99	11.86	7.13
SMBRP-7B	10/16/2017	18.99	11.12	7.87
SMBRP-7B	11/15/2017	18.99	10.77	8.22
SMBRP-7B	12/11/2017	18.99	11.11	7.88
SMBRP-7B	1/22/2018	18.99	11.18	7.81
SMBRP-7B	2/14/2018	18.99	11.19	7.80
SMBRP-7B	3/19/2018	18.99	10.75	8.24
SMBRP-7B	4/23/2018	18.99	10.81	8.18
SMBRP-7B	5/10/2018	18.99	10.53	8.46
SMBRP-7B	6/19/2018	18.99	10.36	8.63
SMBRP-7B	7/10/2018	18.99	10.61	8.38
SMBRP-7B	8/20/2018	18.99	10.75	8.24
SMBRP-7B	9/17/2018	18.99	10.76	8.23
SMBRP-7B	10/4/2018	18.99	10.78	8.21
SMBRP-7B	11/5/2018	18.99	10.70	8.29
SMBRP-7B	12/17/2018	18.99	10.55	8.44
SMBRP-7B	1/3/2019	18.99	10.72	8.27
SMBRP-7B	2/25/2019	18.99	9.05	9.94
SMBRP-7B	3/21/2019	18.99	9.13	9.86



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-8 (ECI-RC-MW01)	8/24/2015	48.69	28.74	19.95
SMBRP-8 (ECI-RC-MW01)	9/21/2015	48.69	29.02	19.67
SMBRP-8 (ECI-RC-MW01)	10/20/2015	48.69	28.76	19.93
SMBRP-8 (ECI-RC-MW01)	11/16/2015	48.69	29.38	19.31
SMBRP-8 (ECI-RC-MW01)	12/14/2015	48.69	29.32	19.37
SMBRP-8 (ECI-RC-MW01)	1/14/2016	48.69	28.93	19.76
SMBRP-8 (ECI-RC-MW01)	2/16/2016	48.69	29.18	19.51
SMBRP-8 (ECI-RC-MW01)	3/14/2016	48.69	28.76	19.93
SMBRP-8 (ECI-RC-MW01)	4/25/2016	48.69	29.40	19.29
SMBRP-8 (ECI-RC-MW01)	5/16/2016	48.69	29.18	19.51
SMBRP-8 (ECI-RC-MW01)	6/17/2016	48.69	29.38	19.31
SMBRP-8 (ECI-RC-MW01)	7/20/2016	48.69	29.73	18.96
SMBRP-8 (ECI-RC-MW01)	8/20/2016	48.69	30.02	18.67
SMBRP-8 (ECI-RC-MW01)	9/19/2016	48.69	30.64	18.05
SMBRP-8 (ECI-RC-MW01)	10/21/2016	48.69	31.02	17.67
SMBRP-8 (ECI-RC-MW01)	11/18/2016	48.69	31.16	17.53
SMBRP-8 (ECI-RC-MW01)	12/19/2016	48.69	30.83	17.86
SMBRP-8 (ECI-RC-MW01)	1/17/2017	48.69	29.49	19.20
SMBRP-8 (ECI-RC-MW01)	2/24/2017	48.69	26.78	21.91
SMBRP-8 (ECI-RC-MW01)	3/27/2017	48.69	25.21	23.48
SMBRP-8 (ECI-RC-MW01)	4/17/2017	48.69	24.34	24.35
SMBRP-8 (ECI-RC-MW01)	5/22/2017	48.69	23.31	25.38
SMBRP-8 (ECI-RC-MW01)	6/20/2017	48.69	23.54	25.15
SMBRP-8 (ECI-RC-MW01)	7/28/2017	48.69	24.25	24.44
SMBRP-8 (ECI-RC-MW01)	8/25/2017	48.69	24.98	23.71
SMBRP-8 (ECI-RC-MW01)	9/11/2017	48.69	25.30	23.39
SMBRP-8 (ECI-RC-MW01)	10/16/2017	48.69	26.10	22.59
SMBRP-8 (ECI-RC-MW01)	11/15/2017	48.69	26.56	22.13
SMBRP-8 (ECI-RC-MW01)	12/11/2017	48.69	27.02	21.67
SMBRP-8 (ECI-RC-MW01)	1/22/2018	48.69	27.44	21.25
SMBRP-8 (ECI-RC-MW01)	2/14/2018	48.69	27.52	21.17
SMBRP-8 (ECI-RC-MW01)	3/19/2018	48.69	27.34	21.35
SMBRP-8 (ECI-RC-MW01)	4/23/2018	48.69	26.68	22.01
SMBRP-8 (ECI-RC-MW01)	5/10/2018	48.69	27.02	21.67
SMBRP-8 (ECI-RC-MW01)	6/19/2018	48.69	27.58	21.11
SMBRP-8 (ECI-RC-MW01)	7/10/2018	48.69	27.96	20.73
SMBRP-8 (ECI-RC-MW01)	8/20/2018	48.69	28.60	20.09
SMBRP-8 (ECI-RC-MW01)	9/17/2018	48.69	28.00	20.69
SMBRP-8 (ECI-RC-MW01)	10/4/2018	48.69	29.39	19.30
SMBRP-8 (ECI-RC-MW01)	11/5/2018	48.69	29.60	19.09
SMBRP-8 (ECI-RC-MW01)	12/17/2018	48.69	29.10	19.59
SMBRP-8 (ECI-RC-MW01)	1/3/2019	48.69	29.10	19.59
SMBRP-8 (ECI-RC-MW01)	2/25/2019	48.69	27.51	21.18
SMBRP-8 (ECI-RC-MW01)	3/21/2019	48.69	26.42	22.27



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-9	8/24/2015	50.32	38.24	12.08
SMBRP-9	9/21/2015	50.32	38.46	11.86
SMBRP-9	10/20/2015	50.32	38.62	11.70
SMBRP-9	11/16/2015	50.32	N/A	-
SMBRP-9	12/14/2015	50.32	38.86	11.46
SMBRP-9	1/14/2016	50.32	38.95	11.37
SMBRP-9	2/16/2016	50.32	39.03	11.29
SMBRP-9	3/14/2016	50.32	38.97	11.35
SMBRP-9	4/25/2016	50.32	38.82	11.50
SMBRP-9	5/16/2016	50.32	38.82	11.50
SMBRP-9	6/17/2016	50.32	38.86	11.46
SMBRP-9	7/20/2016	50.32	39.06	11.26
SMBRP-9	8/20/2016	50.32	39.17	11.15
SMBRP-9	9/19/2016	50.32	39.33	10.99
SMBRP-9	10/21/2016	50.32	39.55	10.77
SMBRP-9	11/18/2016	50.32	39.67	10.65
SMBRP-9	12/19/2016	50.32	39.79	10.53
SMBRP-9	1/17/2017	50.32	39.82	10.50
SMBRP-9	2/24/2017	50.32	38.75	11.57
SMBRP-9	3/27/2017	50.32	37.59	12.73
SMBRP-9	4/17/2017	50.32	36.88	13.44
SMBRP-9	5/22/2017	50.32	35.82	14.50
SMBRP-9	6/20/2017	50.32	35.41	14.91
SMBRP-9	7/28/2017	50.32	35.13	15.19
SMBRP-9	8/25/2017	50.32	35.18	15.14
SMBRP-9	9/11/2017	50.32	35.48	14.84
SMBRP-9	10/16/2017	50.32	35.86	14.46
SMBRP-9	11/15/2017	50.32	36.24	14.08
SMBRP-9	12/11/2017	50.32	36.48	13.84
SMBRP-9	1/22/2018	50.32	36.94	13.38
SMBRP-9	2/14/2018	50.32	37.01	13.31
SMBRP-9	3/19/2018	50.32	36.88	13.44
SMBRP-9	4/23/2018	50.32	36.37	13.95
SMBRP-9	5/10/2018	50.32	36.65	13.67
SMBRP-9	6/19/2018	50.32	36.60	13.72
SMBRP-9	7/10/2018	50.32	36.84	13.48
SMBRP-9	8/20/2018	50.32	37.20	13.12
SMBRP-9	9/17/2018	50.32	37.30	13.02
SMBRP-9	10/4/2018	50.32	37.57	12.75
SMBRP-9	11/5/2018	50.32	37.89	12.43
SMBRP-9	12/17/2018	50.32	37.20	13.12
SMBRP-9	1/3/2019	50.32	37.81	12.51
SMBRP-9	2/25/2019	50.32	37.53	12.79
SMBRP-9	3/21/2019	50.32	37.02	13.30



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-10C	8/24/2015	16.25	7.37	8.88
SMBRP-10C	9/21/2015	16.25	7.64	8.61
SMBRP-10C	10/20/2015	16.25	7.96	8.29
SMBRP-10C	11/16/2015	16.25	8.16	8.09
SMBRP-10C	12/14/2015	16.25	8.06	8.19
SMBRP-10C	1/14/2016	16.25	6.11	10.14
SMBRP-10C	2/16/2016	16.25	6.57	9.68
SMBRP-10C	3/14/2016	16.25	4.80	11.45
SMBRP-10C	4/25/2016	16.25	6.59	9.66
SMBRP-10C	5/16/2016	16.25	6.86	9.39
SMBRP-10C	6/17/2016	16.25	6.90	9.35
SMBRP-10C	7/20/2016	16.25	7.72	8.53
SMBRP-10C	8/20/2016	16.25	8.12	8.13
SMBRP-10C	9/19/2016	16.25	8.54	7.71
SMBRP-10C	10/21/2016	16.25	8.78	7.47
SMBRP-10C	11/18/2016	16.25	8.89	7.36
SMBRP-10C	12/19/2016	16.25	7.95	8.30
SMBRP-10C	1/17/2017	16.25	2.72	13.53
SMBRP-10C	2/24/2017	16.25	0.99	15.26
SMBRP-10C	3/27/2017	16.25	2.06	14.19
SMBRP-10C	4/17/2017	16.25	3.97	12.28
SMBRP-10C	5/22/2017	16.25	5.52	10.73
SMBRP-10C	6/20/2017	16.25	6.22	10.03
SMBRP-10C	7/28/2017	16.25	6.89	9.36
SMBRP-10C	8/25/2017	16.25	7.28	8.97
SMBRP-10C	9/11/2017	16.25	7.51	8.74
SMBRP-10C	10/16/2017	16.25	7.37	8.88
SMBRP-10C	11/15/2017	16.25	7.38	8.87
SMBRP-10C	12/11/2017	16.25	7.43	8.82
SMBRP-10C	1/22/2018	16.25	6.82	9.43
SMBRP-10C	2/14/2018	16.25	6.95	9.30
SMBRP-10C	3/19/2018	16.25	5.71	10.54
SMBRP-10C	4/23/2018	16.25	5.91	10.34
SMBRP-10C	5/10/2018	16.25	6.07	10.18
SMBRP-10C	6/19/2018	16.25	6.68	9.57
SMBRP-10C	7/10/2018	16.25	7.00	9.25
SMBRP-10C	8/20/2018	16.25	7.33	8.92
SMBRP-10C	9/17/2018	16.25	7.45	8.80
SMBRP-10C	10/4/2018	16.25	7.65	8.60
SMBRP-10C	11/5/2018	16.25	7.75	8.50
SMBRP-10C	12/17/2018	16.25	6.55	9.70
SMBRP-10C	1/3/2019	16.25	6.79	9.46
SMBRP-10C	2/25/2019	16.25	1.60	14.65
SMBRP-10C	3/21/2019	16.25	1.67	14.58



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-12	8/24/2015	12.62	7.52	5.10
SMBRP-12	9/21/2015	12.62	6.91	5.71
SMBRP-12	10/20/2015	12.62	6.72	5.90
SMBRP-12	11/16/2015	12.62	6.75	5.87
SMBRP-12	12/14/2015	12.62	6.42	6.20
SMBRP-12	1/14/2016	12.62	6.95	5.67
SMBRP-12	2/16/2016	12.62	6.85	5.77
SMBRP-12	3/14/2016	12.62	6.09	6.53
SMBRP-12	4/25/2016	12.62	6.76	5.86
SMBRP-12	5/16/2016	12.62	6.40	6.22
SMBRP-12	6/17/2016	12.62	5.39	7.23
SMBRP-12	7/20/2016	12.62	6.05	6.57
SMBRP-12	8/20/2016	12.62	6.85	5.77
SMBRP-12	9/19/2016	12.62	6.44	6.18
SMBRP-12	10/21/2016	12.62	8.09	4.53
SMBRP-12	11/18/2016	12.62	6.52	6.10
SMBRP-12	12/19/2016	12.62	7.16	5.46
SMBRP-12	1/17/2017	12.62	6.48	6.14
SMBRP-12	2/24/2017	12.62	7.61	5.01
SMBRP-12	3/27/2017	12.62	6.96	5.66
SMBRP-12	4/17/2017	12.62	7.29	5.33
SMBRP-12	5/22/2017	12.62	7.63	4.99
SMBRP-12	6/20/2017	12.62	7.19	5.43
SMBRP-12	7/28/2017	12.62	6.68	5.94
SMBRP-12	8/25/2017	12.62	6.76	5.86
SMBRP-12	9/11/2017	12.62	7.02	5.60
SMBRP-12	10/16/2017	12.62	6.88	5.74
SMBRP-12	11/15/2017	12.62	7.08	5.54
SMBRP-12	12/11/2017	12.62	7.17	5.45
SMBRP-12	1/22/2018	12.62	7.17	5.45
SMBRP-12	2/14/2018	12.62	6.36	6.26
SMBRP-12	3/19/2018	12.62	6.32	6.30
SMBRP-12	4/23/2018	12.62	8.01	4.61
SMBRP-12	5/10/2018	12.62	8.05	4.57
SMBRP-12	6/19/2018	12.62	7.26	5.36
SMBRP-12	7/10/2018	12.62	4.85	7.77
SMBRP-12	8/20/2018	12.62	6.50	6.12
SMBRP-12	9/17/2018	12.62	6.63	5.99
SMBRP-12	10/4/2018	12.62	5.99	6.63
SMBRP-12	11/5/2018	12.62	7.29	5.33
SMBRP-12	12/17/2018	12.62	6.78	5.84
SMBRP-12	1/3/2019	12.62	7.48	5.14
SMBRP-12	2/25/2019	12.62	8.07	4.55
SMBRP-12	3/21/2019	12.62	7.05	5.57



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-13	8/24/2015	13.58	8.32	5.26
SMBRP-13	9/21/2015	13.58	7.98	5.60
SMBRP-13	10/20/2015	13.58	8.20	5.38
SMBRP-13	11/16/2015	13.58	7.87	5.71
SMBRP-13	12/14/2015	13.58	6.85	6.73
SMBRP-13	1/14/2016	13.58	8.24	5.34
SMBRP-13	2/16/2016	13.58	8.00	5.58
SMBRP-13	3/14/2016	13.58	7.61	5.97
SMBRP-13	4/25/2016	13.58	7.66	5.92
SMBRP-13	5/16/2016	13.58	6.92	6.66
SMBRP-13	6/17/2016	13.58	7.52	6.06
SMBRP-13	7/20/2016	13.58	8.30	5.28
SMBRP-13	8/20/2016	13.58	8.03	5.55
SMBRP-13	9/19/2016	13.58	7.45	6.13
SMBRP-13	10/21/2016	13.58	8.33	5.25
SMBRP-13	11/18/2016	13.58	7.14	6.44
SMBRP-13	12/19/2016	13.58	8.34	5.24
SMBRP-13	1/17/2017	13.58	7.48	6.10
SMBRP-13	2/24/2017	13.58	9.32	4.26
SMBRP-13	3/27/2017	13.58	7.83	5.75
SMBRP-13	4/17/2017	13.58	8.55	5.03
SMBRP-13	5/22/2017	13.58	8.81	4.77
SMBRP-13	6/20/2017	13.58	7.78	5.80
SMBRP-13	7/28/2017	13.58	8.01	5.57
SMBRP-13	8/25/2017	13.58	8.04	5.54
SMBRP-13	9/11/2017	13.58	8.42	5.16
SMBRP-13	10/16/2017	13.58	8.05	5.53
SMBRP-13	11/15/2017	13.58	8.20	5.38
SMBRP-13	12/11/2017	13.58	9.00	4.58
SMBRP-13	1/22/2018	13.58	8.46	5.12
SMBRP-13	2/14/2018	13.58	7.85	5.73
SMBRP-13	3/19/2018	13.58	8.53	5.05
SMBRP-13	4/23/2018	13.58	8.40	5.18
SMBRP-13	5/10/2018	13.58	8.09	5.49
SMBRP-13	6/19/2018	13.58	8.00	5.58
SMBRP-13	7/10/2018	13.58	7.85	5.73
SMBRP-13	8/20/2018	13.58	8.38	5.20
SMBRP-13	9/17/2018	13.58	8.33	5.25
SMBRP-13	10/4/2018	13.58	8.79	4.79
SMBRP-13	11/5/2018	13.58	8.78	4.80
SMBRP-13	12/17/2018	13.58	8.50	5.08
SMBRP-13	1/3/2019	13.58	8.20	5.38
SMBRP-13	2/25/2019	13.58	9.70	3.88
SMBRP-13	3/21/2019	13.58	7.61	5.97

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-15B	8/24/2015	16.77	dry	-
SMBRP-15B	9/21/2015	16.77	dry	-
SMBRP-15B	10/20/2015	16.77	dry	-
SMBRP-15B	11/16/2015	16.77	dry	-
SMBRP-15B	12/14/2015	16.77	dry	-
SMBRP-15B	1/14/2016	16.77	dry	-
SMBRP-15B	2/16/2016	16.77	dry	-
SMBRP-15B	3/14/2016	16.77	dry	-
SMBRP-15B	4/25/2016	16.77	dry	-
SMBRP-15B	5/16/2016	16.77	dry	-
SMBRP-15B	6/17/2016	16.77	dry	-
SMBRP-15B	7/20/2016	16.77	dry	-
SMBRP-15B	8/20/2016	16.77	dry	-
SMBRP-15B	9/19/2016	16.77	dry	-
SMBRP-15B	10/21/2016	16.77	dry	-
SMBRP-15B	11/18/2016	16.77	dry	-
SMBRP-15B	12/19/2016	16.77	dry	-
SMBRP-15B	1/17/2017	16.77	dry	-
SMBRP-15B	2/24/2017	16.77	dry	-
SMBRP-15B	3/27/2017	16.77	dry	-
SMBRP-15B	4/17/2017	16.77	dry	-
SMBRP-15B	5/22/2017	16.77	dry	-
SMBRP-15B	6/20/2017	16.77	dry	-
SMBRP-15B	7/28/2017	16.77	dry	-
SMBRP-15B	8/25/2017	16.77	dry	-
SMBRP-15B	9/11/2017	16.77	dry	-
SMBRP-15B	10/16/2017	16.77	dry	-
SMBRP-15B	11/15/2017	16.77	dry	-
SMBRP-15B	12/11/2017	16.77	dry	-
SMBRP-15B	1/22/2018	16.77	dry	-
SMBRP-15B	2/14/2018	16.77	dry	-
SMBRP-15B	3/19/2018	16.77	dry	-
SMBRP-15B	4/23/2018	16.77	dry	-
SMBRP-15B	5/10/2018	16.77	dry	-
SMBRP-15B	6/19/2018	16.77	dry	-
SMBRP-15B	7/10/2018	16.77	dry	-
SMBRP-15B	8/20/2018	16.77	dry	-
SMBRP-15B	9/17/2018	16.77	dry	-
SMBRP-15B	10/4/2018	16.77	dry	-
SMBRP-15B	11/5/2018	16.77	dry	-
SMBRP-15B	12/17/2018	16.77	dry	-
SMBRP-15B	1/3/2019	16.77	dry	-
SMBRP-15B	2/25/2019	16.77	dry	-
SMBRP-15B	3/21/2019	16.77	dry	

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-16	8/24/2015	14.50	4.95	9.55
SMBRP-16	9/21/2015	14.50	4.96	9.54
SMBRP-16	10/20/2015	14.50	5.34	9.16
SMBRP-16	11/16/2015	14.50	5.55	8.95
SMBRP-16	12/14/2015	14.50	5.59	8.91
SMBRP-16	1/14/2016	14.50	3.79	10.71
SMBRP-16	2/16/2016	14.50	4.60	9.90
SMBRP-16	3/14/2016	14.50	5.27	9.23
SMBRP-16	4/25/2016	14.50	4.65	9.85
SMBRP-16	5/16/2016	14.50	4.92	9.58
SMBRP-16	6/17/2016	14.50	5.15	9.35
SMBRP-16	7/20/2016	14.50	5.49	9.01
SMBRP-16	8/20/2016	14.50	5.72	8.78
SMBRP-16	9/19/2016	14.50	5.92	8.58
SMBRP-16	10/21/2016	14.50	6.18	8.32
SMBRP-16	11/18/2016	14.50	6.02	8.48
SMBRP-16	12/19/2016	14.50	5.23	9.27
SMBRP-16	1/17/2017	14.50	2.54	11.96
SMBRP-16	2/24/2017	14.50	0.51	13.99
SMBRP-16	3/27/2017	14.50	2.61	11.89
SMBRP-16	4/17/2017	14.50	4.28	10.22
SMBRP-16	5/22/2017	14.50	N/A	-
SMBRP-16	6/20/2017	14.50	N/A	-
SMBRP-16	7/28/2017	14.50	6.42	8.08
SMBRP-16	8/25/2017	14.50	6.63	7.87
SMBRP-16	9/11/2017	14.50	6.51	7.99
SMBRP-16	10/16/2017	14.50	4.84	9.66
SMBRP-16	11/15/2017	14.50	4.47	10.03
SMBRP-16	12/11/2017	14.50	4.80	9.70
SMBRP-16	1/22/2018	14.50	8.25	6.25
SMBRP-16	2/14/2018	14.50	4.83	9.67
SMBRP-16	3/19/2018	14.50	3.45	11.05
SMBRP-16	5/10/2018	14.50	3.85	10.65
SMBRP-16	4/23/2018	14.50	3.72	10.78
SMBRP-16	6/19/2018	14.50	4.46	10.04
SMBRP-16	7/10/2018	14.50	4.75	9.75
SMBRP-16	8/20/2018	14.50	5.02	9.48
SMBRP-16	9/17/2018	14.50	covered	-
SMBRP-16	10/4/2018	14.50	5.23	9.27
SMBRP-16	11/5/2018	14.50	5.40	9.10
SMBRP-16	12/17/2018	14.50	4.15	10.35
SMBRP-16	1/3/2019	14.50	4.74	9.76
SMBRP-16	2/25/2019	14.50	1.65	12.85
SMBRP-16	3/21/2019	14.50	1.80	12.70



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW01	8/24/2015	17.90	10.22	7.68
MCWP-MW01	9/21/2015	17.90	9.71	8.19
MCWP-MW01	10/20/2015	17.90	10.00	7.90
MCWP-MW01	11/16/2015	17.90	9.91	7.99
MCWP-MW01	12/14/2015	17.90	9.23	8.67
MCWP-MW01	1/14/2016	17.90	10.45	7.45
MCWP-MW01	2/16/2016	17.90	11.02	6.88
MCWP-MW01	3/14/2016	17.90	10.53	7.37
MCWP-MW01	4/25/2016	17.90	10.89	7.01
MCWP-MW01	5/16/2016	17.90	10.70	7.20
MCWP-MW01	6/17/2016	17.90	10.75	7.15
MCWP-MW01	7/20/2016	17.90	11.09	6.81
MCWP-MW01	8/20/2016	17.90	11.30	6.60
MCWP-MW01	9/19/2016	17.90	11.13	6.77
MCWP-MW01	10/21/2016	17.90	11.19	6.71
MCWP-MW01	11/18/2016	17.90	9.94	7.96
MCWP-MW01	12/19/2016	17.90	10.56	7.34
MCWP-MW01	1/17/2017	17.90	10.17	7.73
MCWP-MW01	2/24/2017	17.90	10.68	7.22
MCWP-MW01	3/27/2017	17.90	11.47	6.43
MCWP-MW01	4/17/2017	17.90	11.33	6.57
MCWP-MW01	5/22/2017	17.90	11.83	6.07
MCWP-MW01	6/20/2017	17.90	10.47	7.43
MCWP-MW01	7/28/2017	17.90	10.45	7.45
MCWP-MW01	8/25/2017	17.90	10.29	7.61
MCWP-MW01	9/11/2017	17.90	10.60	7.30
MCWP-MW01	10/16/2017	17.90	10.06	7.84
MCWP-MW01	11/15/2017	17.90	9.99	7.91
MCWP-MW01	12/11/2017	17.90	11.57	6.33
MCWP-MW01	1/22/2018	17.90	10.70	7.20
MCWP-MW01	2/14/2018	17.90	10.49	7.41
MCWP-MW01	3/19/2018	17.90	10.33	7.57
MCWP-MW01	4/23/2018	17.90	11.19	6.71
MCWP-MW01	5/10/2018	17.90	10.26	7.64
MCWP-MW01	6/19/2018	17.90	10.31	7.59
MCWP-MW01	7/10/2018	17.90	10.14	7.76
MCWP-MW01	8/20/2018	17.90	10.19	7.71
MCWP-MW01	9/17/2018	17.90	10.50	7.40
MCWP-MW01	10/4/2018	17.90	10.27	7.63
MCWP-MW01	11/5/2018	17.90	10.05	7.85
MCWP-MW01	12/17/2018	17.90	11.05	6.85
MCWP-MW01	1/3/2019	17.90	10.95	6.95
MCWP-MW01	2/25/2019	17.90	11.00	6.90
MCWP-MW01	3/21/2019	17.90	9.90	8.00



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW02	8/24/2015	18.06	10.39	7.67
MCWP-MW02	9/21/2015	18.06	9.92	8.14
MCWP-MW02	10/20/2015	18.06	10.25	7.81
MCWP-MW02	11/16/2015	18.06	10.16	7.90
MCWP-MW02	12/14/2015	18.06	9.14	8.92
MCWP-MW02	1/14/2016	18.06	10.68	7.38
MCWP-MW02	2/16/2016	18.06	11.13	6.93
MCWP-MW02	3/14/2016	18.06	10.72	7.34
MCWP-MW02	4/25/2016	18.06	11.08	6.98
MCWP-MW02	5/16/2016	18.06	10.55	7.51
MCWP-MW02	6/17/2016	18.06	10.82	7.24
MCWP-MW02	7/20/2016	18.06	11.10	6.96
MCWP-MW02	8/20/2016	18.06	11.35	6.71
MCWP-MW02	9/19/2016	18.06	11.59	6.47
MCWP-MW02	10/21/2016	18.06	11.41	6.65
MCWP-MW02	11/18/2016	18.06	10.16	7.90
MCWP-MW02	12/19/2016	18.06	10.82	7.24
MCWP-MW02	1/17/2017	18.06	10.44	7.62
MCWP-MW02	2/24/2017	18.06	10.68	7.38
MCWP-MW02	3/27/2017	18.06	11.96	6.10
MCWP-MW02	4/17/2017	18.06	11.35	6.71
MCWP-MW02	5/22/2017	18.06	12.03	6.03
MCWP-MW02	6/20/2017	18.06	10.74	7.32
MCWP-MW02	7/28/2017	18.06	10.56	7.50
MCWP-MW02	8/25/2017	18.06	10.62	7.44
MCWP-MW02	9/11/2017	18.06	10.79	7.27
MCWP-MW02	10/16/2017	18.06	10.28	7.78
MCWP-MW02	11/15/2017	18.06	10.49	7.57
MCWP-MW02	12/11/2017	18.06	8.65	9.41
MCWP-MW02	1/22/2018	18.06	10.95	7.11
MCWP-MW02	2/14/2018	18.06	10.71	7.35
MCWP-MW02	3/19/2018	18.06	10.64	7.42
MCWP-MW02	4/23/2018	18.06	11.09	6.97
MCWP-MW02	5/10/2018	18.06	10.16	7.90
MCWP-MW02	6/19/2018	18.06	10.18	7.88
MCWP-MW02	7/10/2018	18.06	10.18	7.88
MCWP-MW02	8/20/2018	18.06	10.32	7.74
MCWP-MW02	9/17/2018	18.06	10.45	7.61
MCWP-MW02	10/4/2018	18.06	10.30	7.76
MCWP-MW02	11/5/2018	18.06	10.60	7.46
MCWP-MW02	12/17/2018	18.06	12.37	5.69
MCWP-MW02	1/3/2019	18.06	11.18	6.88
MCWP-MW02	2/25/2019	18.06	12.38	5.68
MCWP-MW02	3/21/2019	18.06	12.1	5.96

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW03	9/21/2015	15.31	7.52	7.79
MCWP-MW03	10/20/2015	15.31	7.78	7.53
MCWP-MW03	11/16/2015	15.31	7.34	7.97
MCWP-MW03	12/14/2015	15.31	6.75	8.56
MCWP-MW03	1/14/2016	15.31	8.38	6.93
MCWP-MW03	2/16/2016	15.31	8.43	6.88
MCWP-MW03	3/14/2016	15.31	8.05	7.26
MCWP-MW03	4/25/2016	15.31	8.63	6.68
MCWP-MW03	5/16/2016	15.31	8.35	6.96
MCWP-MW03	6/17/2016	15.31	8.50	6.81
MCWP-MW03	7/20/2016	15.31	8.30	7.01
MCWP-MW03	8/20/2016	15.31	8.87	6.44
MCWP-MW03	9/19/2016	15.31	8.23	7.08
MCWP-MW03	10/21/2016	15.31	8.94	6.37
MCWP-MW03	11/18/2016	15.31	7.64	7.67
MCWP-MW03	12/19/2016	15.31	8.09	7.22
MCWP-MW03	1/17/2017	15.31	7.63	7.68
MCWP-MW03	2/24/2017	15.31	N/A	-
MCWP-MW03	3/27/2017	15.31	N/A	-
MCWP-MW03	4/17/2017	15.31	N/A	-
MCWP-MW03	5/22/2017	15.31	N/A	-
MCWP-MW03	6/20/2017	15.31	N/A	-
MCWP-MW03	7/28/2017	15.31	8.02	7.29
MCWP-MW03	8/25/2017	15.31	7.58	7.73
MCWP-MW03	9/11/2017	15.31	7.92	7.39
MCWP-MW03	10/16/2017	15.31	7.39	7.92
MCWP-MW03	11/15/2017	15.31	7.70	7.61
MCWP-MW03	12/11/2017	15.31	9.25	6.06
MCWP-MW03	1/22/2018	15.31	8.14	7.17
MCWP-MW03	2/14/2018	15.31	8.47	6.84
MCWP-MW03	3/19/2018	15.31	8.12	7.19
MCWP-MW03	4/23/2018	15.31	9.21	6.10
MCWP-MW03	5/10/2018	15.31	8.10	7.21
MCWP-MW03	6/19/2018	15.31	8.48	6.83
MCWP-MW03	7/10/2018	15.31	7.90	7.41
MCWP-MW03	8/20/2018	15.31	7.90	7.41
MCWP-MW03	9/17/2018	15.31	7.81	7.50
MCWP-MW03	10/4/2018	15.31	8.06	7.25
MCWP-MW03	11/5/2018	15.31	7.02	8.29
MCWP-MW03	12/17/2018	15.31	8.74	6.57
MCWP-MW03	1/3/2019	15.31	8.78	6.53
MCWP-MW03	2/25/2019	15.31	8.3	7.01
MCWP-MW03	3/21/2019	15.31	8.21	7.10

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW04D	8/24/2015	15.43	9.35	6.08
MCWP-MW04D	9/21/2015	15.43	8.84	6.59
MCWP-MW04D	10/20/2015	15.43	9.16	6.27
MCWP-MW04D	11/16/2015	15.43	9.13	6.30
MCWP-MW04D	12/14/2015	15.43	8.39	7.04
MCWP-MW04D	1/14/2016	15.43	9.59	5.84
MCWP-MW04D	2/16/2016	15.43	10.24	5.19
MCWP-MW04D	3/14/2016	15.43	9.69	5.74
MCWP-MW04D	4/25/2016	15.43	10.07	5.36
MCWP-MW04D	5/16/2016	15.43	9.83	5.60
MCWP-MW04D	6/17/2016	15.43	9.97	5.46
MCWP-MW04D	7/20/2016	15.43	10.22	5.21
MCWP-MW04D	8/20/2016	15.43	10.33	5.10
MCWP-MW04D	9/19/2016	15.43	10.32	5.11
MCWP-MW04D	10/21/2016	15.43	10.40	5.03
MCWP-MW04D	11/18/2016	15.43	9.12	6.31
MCWP-MW04D	12/19/2016	15.43	9.68	5.75
MCWP-MW04D	1/17/2017	15.43	9.34	6.09
MCWP-MW04D	2/24/2017	15.43	9.83	5.60
MCWP-MW04D	3/27/2017	15.43	10.61	4.82
MCWP-MW04D	4/17/2017	15.43	10.51	4.92
MCWP-MW04D	5/22/2017	15.43	10.99	4.44
MCWP-MW04D	6/20/2017	15.43	9.62	5.81
MCWP-MW04D	7/28/2017	15.43	9.62	5.81
MCWP-MW04D	8/25/2017	15.43	9.46	5.97
MCWP-MW04D	9/11/2017	15.43	9.72	5.71
MCWP-MW04D	10/16/2017	15.43	9.24	6.19
MCWP-MW04D	11/15/2017	15.43	9.13	6.30
MCWP-MW04D	12/11/2017	15.43	10.78	4.65
MCWP-MW04D	1/22/2018	15.43	9.84	5.59
MCWP-MW04D	2/14/2018	15.43	9.59	5.84
MCWP-MW04D	3/19/2018	15.43	9.56	5.87
MCWP-MW04D	4/23/2018	15.43	10.41	5.02
MCWP-MW04D	5/10/2018	15.43	9.49	5.94
MCWP-MW04D	6/19/2018	15.43	9.56	5.87
MCWP-MW04D	7/10/2018	15.43	9.24	6.19
MCWP-MW04D	8/20/2018	15.43	9.41	6.02
MCWP-MW04D	9/17/2018	15.43	9.20	6.23
MCWP-MW04D	10/4/2018	15.43	9.44	5.99
MCWP-MW04D	11/5/2018	15.43	9.20	6.23
MCWP-MW04D	12/17/2018	15.43	10.24	5.19
MCWP-MW04D	1/3/2019	15.43	10.18	5.25
MCWP-MW04D	2/25/2019	15.43	10.17	5.26
MCWP-MW04D	3/21/2019	15.43	9.09	6.34

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW05	8/24/2015	13.92	7.62	6.30
MCWP-MW05	9/21/2015	13.92	7.30	6.62
MCWP-MW05	10/20/2015	13.92	7.47	6.45
MCWP-MW05	11/16/2015	13.92	7.42	6.50
MCWP-MW05	12/14/2015	13.92	6.39	7.53
MCWP-MW05	1/14/2016	13.92	7.82	6.10
MCWP-MW05	2/16/2016	13.92	8.37	5.55
MCWP-MW05	3/14/2016	13.92	7.96	5.96
MCWP-MW05	4/25/2016	13.92	8.27	5.65
MCWP-MW05	5/16/2016	13.92	7.78	6.14
MCWP-MW05	6/17/2016	13.92	8.05	5.87
MCWP-MW05	7/20/2016	13.92	8.41	5.51
MCWP-MW05	8/20/2016	13.92	8.69	5.23
MCWP-MW05	9/19/2016	13.92	8.98	4.94
MCWP-MW05	10/21/2016	13.92	N/A	-
MCWP-MW05	11/18/2016	13.92	N/A	-
MCWP-MW05	12/19/2016	13.92	N/A	-
MCWP-MW05	1/17/2017	13.92	N/A	-
MCWP-MW05	2/24/2017	13.92	N/A	-
MCWP-MW05	3/27/2017	13.92	8.39	5.53
MCWP-MW05	4/17/2017	13.92	8.48	5.44
MCWP-MW05	5/22/2017	13.92	N/A	-
MCWP-MW05	6/20/2017	13.92	N/A	-
MCWP-MW05	7/28/2017	13.92	N/A	-
MCWP-MW05	8/25/2017	13.92	N/A	-
MCWP-MW05	9/11/2017	13.92	8.15	5.77
MCWP-MW05	10/16/2017	13.92	7.48	6.44
MCWP-MW05	11/15/2017	13.92	7.41	6.51
MCWP-MW05	12/11/2017	13.92	8.78	5.14
MCWP-MW05	1/22/2018	13.92	8.04	5.88
MCWP-MW05	2/14/2018	13.92	8.10	5.82
MCWP-MW05	3/19/2018	13.92	7.74	6.18
MCWP-MW05	4/23/2018	13.92	8.18	5.74
MCWP-MW05	5/10/2018	13.92	7.36	6.56
MCWP-MW05	6/19/2018	13.92	7.43	6.49
MCWP-MW05	7/10/2018	13.92	7.34	6.58
MCWP-MW05	8/20/2018	13.92	7.50	6.42
MCWP-MW05	9/17/2018	13.92	7.41	6.51
MCWP-MW05	10/4/2018	13.92	7.51	6.41
MCWP-MW05	11/5/2018	13.92	7.30	6.62
MCWP-MW05	12/17/2018	13.92	8.35	5.57
MCWP-MW05	1/3/2019	13.92	8.29	5.63
MCWP-MW05	2/25/2019	13.92	8.1	5.82
MCWP-MW05	3/21/2019	13.92	7.55	6.37



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW06	8/24/2015	16.05	9.87	6.18
MCWP-MW06	9/21/2015	16.05	9.40	6.65
MCWP-MW06	10/20/2015	16.05	9.71	6.34
MCWP-MW06	11/16/2015	16.05	9.61	6.44
MCWP-MW06	12/14/2015	16.05	8.64	7.41
MCWP-MW06	1/14/2016	16.05	10.12	5.93
MCWP-MW06	2/16/2016	16.05	10.58	5.47
MCWP-MW06	3/14/2016	16.05	10.14	5.91
MCWP-MW06	4/25/2016	16.05	10.49	5.56
MCWP-MW06	5/16/2016	16.05	10.06	5.99
MCWP-MW06	6/17/2016	16.05	10.27	5.78
MCWP-MW06	7/20/2016	16.05	10.60	5.45
MCWP-MW06	8/20/2016	16.05	10.86	5.19
MCWP-MW06	9/19/2016	16.05	11.07	4.98
MCWP-MW06	10/21/2016	16.05	10.90	5.15
MCWP-MW06	11/18/2016	16.05	9.62	6.43
MCWP-MW06	12/19/2016	16.05	10.20	5.85
MCWP-MW06	1/17/2017	16.05	9.87	6.18
MCWP-MW06	2/24/2017	16.05	10.05	6.00
MCWP-MW06	3/27/2017	16.05	11.41	4.64
MCWP-MW06	4/17/2017	16.05	10.81	5.24
MCWP-MW06	5/22/2017	16.05	11.43	4.62
MCWP-MW06	6/20/2017	16.05	10.16	5.89
MCWP-MW06	7/28/2017	16.05	10.03	6.02
MCWP-MW06	8/25/2017	16.05	10.06	5.99
MCWP-MW06	9/11/2017	16.05	10.41	5.64
MCWP-MW06	10/16/2017	16.05	9.72	6.33
MCWP-MW06	11/15/2017	16.05	9.91	6.14
MCWP-MW06	12/11/2017	16.05	11.10	4.95
MCWP-MW06	1/22/2018	16.05	10.34	5.71
MCWP-MW06	2/14/2018	16.05	10.19	5.86
MCWP-MW06	3/19/2018	16.05	9.86	6.19
MCWP-MW06	4/23/2018	16.05	10.67	5.38
MCWP-MW06	5/10/2018	16.05	9.67	6.38
MCWP-MW06	6/19/2018	16.05	9.71	6.34
MCWP-MW06	7/10/2018	16.05	9.64	6.41
MCWP-MW06	8/20/2018	16.05	9.78	6.27
MCWP-MW06	9/17/2018	16.05	9.60	6.45
MCWP-MW06	10/4/2018	16.05	9.75	6.30
MCWP-MW06	11/5/2018	16.05	9.85	6.20
MCWP-MW06	12/17/2018	16.05	10.61	5.44
MCWP-MW06	1/3/2019	16.05	10.72	5.33
MCWP-MW06	2/25/2019	16.05	10.37	5.68
MCWP-MW06	3/21/2019	16.05	10.09	5.96



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW07D	8/24/2015	13.21	7.51	5.70
MCWP-MW07D	9/21/2015	13.21	7.44	5.77
MCWP-MW07D	10/20/2015	13.21	7.67	5.54
MCWP-MW07D	11/16/2015	13.21	7.27	5.94
MCWP-MW07D	12/14/2015	13.21	6.59	6.62
MCWP-MW07D	1/14/2016	13.21	8.32	4.89
MCWP-MW07D	2/16/2016	13.21	8.32	4.89
MCWP-MW07D	3/14/2016	13.21	7.92	5.29
MCWP-MW07D	4/25/2016	13.21	8.47	4.74
MCWP-MW07D	5/16/2016	13.21	8.26	4.95
MCWP-MW07D	6/17/2016	13.21	8.45	4.76
MCWP-MW07D	7/20/2016	13.21	8.18	5.03
MCWP-MW07D	8/20/2016	13.21	8.77	4.44
MCWP-MW07D	9/19/2016	13.21	8.12	5.09
MCWP-MW07D	10/21/2016	13.21	8.81	4.40
MCWP-MW07D	11/18/2016	13.21	7.54	5.67
MCWP-MW07D	12/19/2016	13.21	7.99	5.22
MCWP-MW07D	1/17/2017	13.21	7.52	5.69
MCWP-MW07D	2/24/2017	13.21	N/A	-
MCWP-MW07D	3/27/2017	13.21	N/A	-
MCWP-MW07D	4/17/2017	13.21	N/A	-
MCWP-MW07D	5/22/2017	13.21	N/A	-
MCWP-MW07D	6/20/2017	13.21	N/A	-
MCWP-MW07D	7/28/2017	13.21	7.91	5.30
MCWP-MW07D	8/25/2017	13.21	7.44	5.77
MCWP-MW07D	9/11/2017	13.21	7.91	5.30
MCWP-MW07D	10/16/2017	13.21	7.20	6.01
MCWP-MW07D	11/15/2017	13.21	7.54	5.67
MCWP-MW07D	12/11/2017	13.21	9.12	4.09
MCWP-MW07D	1/22/2018	13.21	8.02	5.19
MCWP-MW07D	2/14/2018	13.21	8.38	4.83
MCWP-MW07D	3/19/2018	13.21	7.83	5.38
MCWP-MW07D	4/23/2018	13.21	9.07	4.14
MCWP-MW07D	5/10/2018	13.21	7.98	5.23
MCWP-MW07D	6/19/2018	13.21	8.44	4.77
MCWP-MW07D	7/10/2018	13.21	7.74	5.47
MCWP-MW07D	8/20/2018	13.21	7.81	5.40
MCWP-MW07D	9/17/2018	13.21	7.73	5.48
MCWP-MW07D	10/4/2018	13.21	7.91	5.30
MCWP-MW07D	11/5/2018	13.21	6.91	6.30
MCWP-MW07D	12/17/2018	13.21	8.55	4.66
MCWP-MW07D	1/3/2019	13.21	8.71	4.50
MCWP-MW07D	2/25/2019	13.21	8.2	5.01
MCWP-MW07D	3/21/2019	13.21	5.3	7.91

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW09	8/24/2015	16.30	5.69	10.61
MCWP-MW09	9/21/2015	16.30	5.42	10.88
MCWP-MW09	10/20/2015	16.30	5.68	10.62
MCWP-MW09	11/16/2015	16.30	5.50	10.80
MCWP-MW09	12/14/2015	16.30	4.75	11.55
MCWP-MW09	1/14/2016	16.30	6.37	9.93
MCWP-MW09	2/16/2016	16.30	6.42	9.88
MCWP-MW09	3/14/2016	16.30	6.04	10.26
MCWP-MW09	4/25/2016	16.30	6.38	9.92
MCWP-MW09	5/16/2016	16.30	5.85	10.45
MCWP-MW09	6/17/2016	16.30	5.96	10.34
MCWP-MW09	7/20/2016	16.30	6.44	9.86
MCWP-MW09	8/20/2016	16.30	6.54	9.76
MCWP-MW09	9/19/2016	16.30	6.26	10.04
MCWP-MW09	10/21/2016	16.30	6.71	9.59
MCWP-MW09	11/18/2016	16.30	5.68	10.62
MCWP-MW09	12/19/2016	16.30	6.31	9.99
MCWP-MW09	1/17/2017	16.30	5.79	10.51
MCWP-MW09	2/24/2017	16.30	6.78	9.52
MCWP-MW09	3/27/2017	16.30	7.12	9.18
MCWP-MW09	4/17/2017	16.30	6.83	9.47
MCWP-MW09	5/22/2017	16.30	7.72	8.58
MCWP-MW09	6/20/2017	16.30	6.24	10.06
MCWP-MW09	7/28/2017	16.30	5.76	10.54
MCWP-MW09	8/25/2017	16.30	5.78	10.52
MCWP-MW09	9/11/2017	16.30	5.85	10.45
MCWP-MW09	10/16/2017	16.30	5.90	10.40
MCWP-MW09	11/15/2017	16.30	5.70	10.60
MCWP-MW09	12/11/2017	16.30	7.10	9.20
MCWP-MW09	1/22/2018	16.30	6.31	9.99
MCWP-MW09	2/14/2018	16.30	7.30	9.00
MCWP-MW09	3/19/2018	16.30	7.71	8.59
MCWP-MW09	4/23/2018	16.30	6.90	9.40
MCWP-MW09	5/10/2018	16.30	6.04	10.26
MCWP-MW09	6/19/2018	16.30	6.01	10.29
MCWP-MW09	7/10/2018	16.30	7.40	8.90
MCWP-MW09	8/20/2018	16.30	5.74	10.56
MCWP-MW09	9/17/2018	16.30	5.77	10.53
MCWP-MW09	10/4/2018	16.30	7.08	9.22
MCWP-MW09	11/5/2018	16.30	5.83	10.47
MCWP-MW09	12/17/2018	16.30	7.30	9.00
MCWP-MW09	1/3/2019	16.30	6.67	9.63
MCWP-MW09	2/25/2019	16.30	6.60	9.70
MCWP-MW09	3/21/2019	16.30	6.35	9.95



Table 1
Groundwater Elevations

Winter Canyon Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
LAMW-5S	8/24/2015	104.55	53.71	50.84
LAMW-5S	9/21/2015	104.55	53.30	51.25
LAMW-5S	10/20/2015	104.55	53.74	50.81
LAMW-5S	11/16/2015	104.55	53.90	50.65
LAMW-5S	12/14/2015	104.55	53.54	51.01
LAMW-5S	1/14/2016	104.55	54.02	50.53
LAMW-5S	2/16/2016	104.55	53.69	50.86
LAMW-5S	3/14/2016	104.55	53.92	50.63
LAMW-5S	4/25/2016	104.55	53.88	50.67
LAMW-5S	5/16/2016	104.55	53.98	50.57
LAMW-5S	6/17/2016	104.55	53.97	50.58
LAMW-5S	7/20/2016	104.55	54.23	50.32
LAMW-5S	8/20/2016	104.55	54.42	50.13
LAMW-5S	9/19/2016	104.55	54.77	49.78
LAMW-5S	10/21/2016	104.55	55.00	49.55
LAMW-5S	11/18/2016	104.55	54.91	49.64
LAMW-5S	12/19/2016	104.55	53.83	50.72
LAMW-5S	1/17/2017	104.55	53.81	50.74
LAMW-5S	2/24/2017	104.55	50.54	54.01
LAMW-5S	3/27/2017	104.55	48.71	55.84
LAMW-5S	4/17/2017	104.55	48.24	56.31
LAMW-5S	5/22/2017	104.55	48.23	56.32
LAMW-5S	6/20/2017	104.55	48.39	56.16
LAMW-5S	7/28/2017	104.55	49.08	55.47
LAMW-5S	8/25/2017	104.55	49.77	54.78
LAMW-5S	9/11/2017	104.55	49.75	54.80
LAMW-5S	10/16/2017	104.55	50.99	53.56
LAMW-5S	11/15/2017	104.55	51.66	52.89
LAMW-5S	12/11/2017	104.55	52.42	52.13
LAMW-5S	1/22/2018	104.55	53.85	50.70
LAMW-5S	2/14/2018	104.55	54.38	50.17
LAMW-5S	3/19/2018	104.55	54.57	49.98
LAMW-5S	4/23/2018	104.55	54.20	50.35
LAMW-5S	5/10/2018	104.55	54.59	49.96
LAMW-5S	6/19/2018	104.55	54.60	49.95
LAMW-5S	7/10/2018	104.55	54.35	50.20
LAMW-5S	8/24/2018	104.55	53.68	50.87
LAMW-5S	9/17/2018	104.55	53.00	51.55
LAMW-5S	10/4/2018	104.55	52.92	51.63
LAMW-5S	11/5/2018	104.55	54.33	50.22
LAMW-5S	12/17/2018	104.55	51.93	52.62
LAMW-5S	1/3/2019	104.55	51.63	52.92
LAMW-5S	2/25/2019	104.55	47.48	57.07
LAMW-5S	3/21/2019	104.55	45.9	58.65

Table 1
Groundwater Elevations

Winter Canyon Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-11	8/24/2015	18.35	8.88	9.47
SMBRP-11	9/21/2015	18.35	8.70	9.65
SMBRP-11	10/20/2015	18.35	8.36	9.99
SMBRP-11	11/16/2015	18.35	8.64	9.71
SMBRP-11	12/14/2015	18.35	8.35	10.00
SMBRP-11	1/14/2016	18.35	8.00	10.35
SMBRP-11	2/16/2016	18.35	8.30	10.05
SMBRP-11	3/14/2016	18.35	7.89	10.46
SMBRP-11	4/25/2016	18.35	8.63	9.72
SMBRP-11	5/16/2016	18.35	8.62	9.73
SMBRP-11	6/17/2016	18.35	8.39	9.96
SMBRP-11	7/20/2016	18.35	8.00	10.35
SMBRP-11	8/20/2016	18.35	8.44	9.91
SMBRP-11	9/19/2016	18.35	8.56	9.79
SMBRP-11	10/21/2016	18.35	8.71	9.64
SMBRP-11	11/18/2016	18.35	8.47	9.88
SMBRP-11	12/19/2016	18.35	8.71	9.64
SMBRP-11	1/17/2017	18.35	7.81	10.54
SMBRP-11	2/24/2017	18.35	7.22	11.13
SMBRP-11	3/27/2017	18.35	7.97	10.38
SMBRP-11	4/17/2017	18.35	8.19	10.16
SMBRP-11	5/22/2017	18.35	8.45	9.90
SMBRP-11	6/20/2017	18.35	8.41	9.94
SMBRP-11	7/28/2017	18.35	8.25	10.10
SMBRP-11	8/25/2017	18.35	8.26	10.09
SMBRP-11	9/11/2017	18.35	8.50	9.85
SMBRP-11	10/16/2017	18.35	8.51	9.84
SMBRP-11	11/15/2017	18.35	8.57	9.78
SMBRP-11	12/11/2017	18.35	8.65	9.70
SMBRP-11	1/22/2018	18.35	8.54	9.81
SMBRP-11	2/14/2018	18.35	8.90	9.45
SMBRP-11	3/19/2018	18.35	8.62	9.73
SMBRP-11	4/23/2018	18.35	8.85	9.50
SMBRP-11	5/10/2018	18.35	9.04	9.31
SMBRP-11	6/19/2018	18.35	8.00	10.35
SMBRP-11	7/10/2018	18.35	7.86	10.49
SMBRP-11	8/24/2018	18.35	8.50	9.85
SMBRP-11	9/17/2018	18.35	8.33	10.02
SMBRP-11	10/4/2018	18.35	8.50	9.85
SMBRP-11	11/5/2018	18.35	8.30	10.05
SMBRP-11	12/17/2018	18.35	8.20	10.15
SMBRP-11	1/3/2019	18.35	8.42	9.93
SMBRP-11	2/25/2019	18.35	7.74	10.61
SMBRP-11	3/21/2019	18.35	7.31	11.04

Notes:
N/A: well not accessible
'- : no data available
TOC: top of well casing
ft bTOC: feet below top of well casing
TOC elevation referenced to NAVD88

Table 2
Groundwater and Surface Water Analysis Matrix

Groundwater	Long-Term GW Monitoring SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP	SNMP	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU
Laboratory Analysis	*LAMW-5S*	*SMBRP-7B*	*SMBRP-9*	*SMBRP-11*[1]	*SMBRP-12*	*SMBRP-13*	*MBCMW-9*	*MCWP-MW04S*	*MCWP-MW04D*	*MCWP-MW05*	*MCWP-MW06*	*MCWP-MW07S*	*MCWP-MW07D*	*MCWP-MW09*	*MCWP-MW10*	*CCPE*
General Chemistry (Long-Term sampled quarterly, SNMP and MOU sampled semi-annually)																
General Chemistry (pH, Total Dissolved Solids, Sulfate, Chloride, Boron, Methylene Blue Active Substances [MBAS]/Foaming Agents)	✓	✓ (TDS only)	✓	✓	✓	✓ (TDS only)	✓ (TDS only)	✓	✓	✓ (TDS only)	✓ (TDS only)	✓	✓	✓	✓ (TDS only)	✓ (TDS only)
Biological Oxygen Demand (BOD)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Turbidity (includes color and odor)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Total Suspended Solids	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Residual Chlorine	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Total Organic Carbon	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Oil and Grease	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Nitrate and Nitrite as Nitrogen (calculation)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Organic Nitrogen (calculation)	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Total Nitrogen (includes TKN)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Total Phosphorous	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Constituents listed in Attachments A1 to A5 of MRP CI 10042 (Long-Term sampled annually)																
Metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, mercury, nickel, selenium, thallium)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Asbestos	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Cyanide	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Perchlorate	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Fluoride	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Combined Radium-226 and Radium-228	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Gross Alpha and Beta Particle Activity	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Tritium	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Strontium-90	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Uranium	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Volatile Organic Compounds (EPA Method 524.2)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB) (EPA Method 504.1)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-

Table 2
Groundwater and Surface Water Analysis Matrix

Groundwater	Long-Term GW Monitoring SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP	SNMP	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU
Laboratory Analysis	*LAMW-5S*	*SMBRP-7B*	*SMBRP-9*	*SMBRP-11*[1]	*SMBRP-12*	*SMBRP-13*	*MBCMW-9*	*MCWP-MW04S*	*MCWP-MW04D*	*MCWP-MW05*	*MCWP-MW06*	*MCWP-MW07S*	*MCWP-MW07D*	*MCWP-MW09*	*MCWP-MW10*	*CCPE*
Constituents listed in Attachments A1 to A5 of MRP CI 10042 (Long-Term sampled annually)																
Chlordane, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, Polychlorinated Biphenyls, Toxaphene (EPA Method 505)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Alachlor, Atrazine, Simazine (EPA Method 507)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Bentazon, 2,4-D, Dalapon, Dinoseb, Pentachlorophenol, Picloram, 2,4,5-TP (Silvex) (EPA Method 515.3)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Benzo(a)pyrene, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Molinate, Thiobencarb (EPA Method 525.2)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Carbofuran, Oxamyl (EPA Method 531.1)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Glyphosate (EPA Method 547)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Endothall (EPA Method 548.1)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Diquat (EPA Method 549.2)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
2,3,7,8-TCDD (Dioxin) (EPA Method 1613)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Trihalomethanes	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Haloacetic Acids	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Bromate	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Chlorite	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Metals (aluminum, copper, iron, manganese, silver, zinc) (included in metals above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Color and Odor (included in turbidity above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Foam agents (MBAS) (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Methyl-tert-butyl ether (MTBE) (included in VOCs above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Thiobencarb (included in EPA Method 525.2 above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Constituents of Emerging Concern in Attachment C of MRP CI 10042 (Long-Term sampled annually)																
17β-Estradiol	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Caffeine	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
n-Nitrosodimethylamine (NDMA)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Triclosan	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
n,n-Diethyl-meta-toluamide (DEET)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Sucralose	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-

Table 2
Groundwater and Surface Water Analysis Matrix

Groundwater	Long-Term GW Monitoring SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP	SNMP	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU
Laboratory Analysis	*LAMW-5S*	*SMBRP-7B*	*SMBRP-9*	*SMBRP-11*[1]	*SMBRP-12*	*SMBRP-13*	*MBCMW-9*	*MCWP-MW04S*	*MCWP-MW04D*	*MCWP-MW05*	*MCWP-MW06*	*MCWP-MW07S*	*MCWP-MW07D*	*MCWP-MW09*	*MCWP-MW10*	*CCPE*
Priority Pollutants listed in Attachment D of MRP CI 10042 (Long-Term sampled annually)																
Metals (antimony, arsenic, barium, beryllium, cadmium, chromium (III), copper, lead, mercury, nickel, selenium, silver, thallium, zinc) (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Chromium VI	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Cyanide (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Asbestos (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
2,3,7,8-TCDD (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Volatile Organic Compounds (EPA Method 624)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Semivolatile Organic Compounds (EPA Method 625)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Pesticides (EPA Method 625)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Polychlorinated Biphenyls (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-

Surface Water	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring
Laboratory Analysis (quarterly)	*N-001*	*N-002*	*N-003*	*N-004*	*L-001*	*L-002*	*L-003*	*L-004*	*L-005*	*L-006*
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Organic Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total Phosphorous	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Notes:
✓: Laboratory analysis completed
- : Sampling & analysis not required
[1]: TY-MW-1 was replaced by SMBRP-11 per LARWQCB correspondence with City of Malibu dated May 18, 2018

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Near Shore	Ankle Depth	N-001	9/25/2015	**70**	**46**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.76**
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.775**
			3/18/2016	<1.8	<1.8	**0.1**	<0.1	**0.937**	<0.2	**0.937**	**1.04**	**0.400**
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.658**
			9/23/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.97**
			12/20/2016	**49**	**49**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.01**
			3/31/2017	**14**	**6.8**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**1.69**
			6/19/2017	**23**	**7.8**	<0.1	<0.1	**0.519**	<0.2	**0.596**	**0.596**	**2.06**
			8/29/2017	**23**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**2.10**
			12/28/2017	**2.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			4/13/2018	**49**	**2.0**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.101**
			5/25/2018	**4.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	<2.0	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.0680**
			11/6/2018	-	-	**0.16**	<5.0	<0.5	<0.1	<0.4	**0.160**	**0.0410**
			12/19/2018	**2,400**	<1.0	<0.1	<0.1	<0.5	<0.1	<0.4	<0.5	**0.0850**
			2/26/2019	**41**	<1.0	<0.1	<20	<0.5	<0.1	<0.4	<0.1	**0.026**
		N-002	9/25/2015	**13**	**13**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.48**
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.38**
			3/18/2016	<1.8	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.42**
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.03**
			9/23/2016	**240**	**6.8**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.30**
			12/20/2016	<1.8	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.35**
			3/31/2017	**13**	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.127**
			6/19/2017	<1.8	<1.8	<0.1	<0.1	**2.25**	<0.2	**2.25**	**2.25**	**2.03**
			8/29/2017	**8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**2.14**
			12/28/2017	**31**	**17**	**0.07**	<0.1	<0.5	<0.2	<0.5	**0.070**	<0.1
			4/13/2018	**46**	**21**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	<0.1
			5/25/2018	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	<2.0	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.047**
			11/6/2018	*NR*	*NR*	**0.14**	<5.0	<0.5	**5.47**	<0.4	**0.140**	**0.031**
			12/19/2018	**>2,400**	<1.0	<0.1	<0.1	<0.5	<0.1	<0.4	<0.5	**0.0600**
			2/26/2019	**58**	<1.0	<0.1	<20	<0.5	<0.1	<0.4	<0.1	**0.203**

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Near Shore	Ankle Depth	N-003	9/25/2015	**11**	**4.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.347**
			12/1/2015	**14**	**14**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.46**
			3/18/2016	**13**	<1.8	**0.1**	<0.1	**0.865**	<0.2	**0.865**	**0.965**	<0.1
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			9/23/2016	**2.0**	**2.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.46**
			12/20/2016	**79**	**79**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.31**
			3/31/2017	**350**	**33**	**0.1**	<0.1	**10.8**	<0.2	**10.8**	**10.9**	**0.467**
			6/19/2017	**7.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.474**
			8/29/2017	**7.8**	**2.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.15**
			12/28/2017	**17**	**14**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			4/13/2018	**17**	**17**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			5/25/2018	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	**6.2**	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.0800**
			11/6/2018	*NR*	*NR*	**0.13**	<5.0	<0.5	**0.466**	<0.4	**0.230**	**0.279**
			12/19/2018	**>2,400**	**9.6**	**0.11**	<0.1	<0.5	<0.1	<0.4	**0.110**	**0.0840**
			2/26/2019	**280**	<1	<0.1	<20	<0.5	<0.1	<0.4	<0.1	<0.02
		N-004	9/25/2015	**14**	**9.3**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.288**
			12/1/2015	**2.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.01**
			3/18/2016	**2.0**	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.648**
			6/16/2016	**6.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.25**
			9/23/2016	**4.5**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.29**
			12/20/2016	**7.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.29**
			3/31/2017	**6.8**	**2.0**	<0.1	**0.153**	<0.5	<0.2	<0.5	**0.153**	**1.87**
			6/19/2017	**7.8**	**7.8**	<0.1	<0.1	**0.647**	<0.2	**0.647**	**0.647**	**1.24**
			8/29/2017	**79**	**79**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			12/28/2017	**17**	**17**	**0.07**	<0.1	<0.5	<0.2	<0.5	**0.07**	**0.0440**
			4/13/2018	**4.5**	**4.5**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.10**	<0.1
			5/25/2018	**4.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	<2.0	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.0390**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.40**	<0.1	**1.40**	**1.40**	**0.175**
			12/19/2018	**>2,400**	<1.0	<0.1	<0.1	<0.5	<0.1	<0.4	<0.5	**0.400**
			2/26/2019	**650**	<1.0	<0.1	<20	**0.12**	<0.1	**0.12**	**0.12**	<0.02

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Malibu Lagoon and Creek	1 foot BSW	L-001	9/25/2015	**920**	**49**	<0.1	<0.1	**2.26**	<0.2	**2.26**	**2.26**	**0.558**
			12/1/2015	**350**	**33**	<0.1	<0.1	**0.837**	<0.2	**0.837**	**0.837**	**0.218**
			3/18/2016	**350**	**23**	**0.3**	<0.1	**1.99**	<0.2	**1.99**	**2.29**	**0.635**
			6/16/2016	**350**	**4.5**	<0.1	<0.1	**0.696**	<0.2	**0.696**	**0.696**	**0.178**
			9/23/2016	**540**	**79**	<0.1	<0.1	**1.04**	<0.2	**1.04**	**1.04**	**0.153**
			12/20/2016	**1,600**	**49**	**3.2**	<0.1	<0.5	<0.2	<0.5	**3.20**	**0.934**
			3/31/2017	**540**	<1.8	**1.5**	<0.1	**1.84**	<0.2	**1.84**	**3.34**	**0.577**
			6/19/2017	**350**	**49**	**0.6**	<0.1	**0.617**	<0.2	**0.617**	**1.22**	**0.387**
			8/29/2017	**>1,600**	**130**	**0.2**	<0.1	**0.834**	<0.2	**0.834**	**1.03**	**0.156**
			12/28/2017	**1,600**	**70**	**0.7**	<0.1	<0.5	<0.2	<0.5	**0.700**	**0.174**
			4/13/2018	**>1,600**	**220**	**1.7**	<0.1	<0.5	<0.2	<0.5	**1.70**	**0.858**
			5/25/2018	**920**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.285**
			8/28/2018	**140**	**2.0**	<0.1	<0.1	**2.80**	<0.1	**2.80**	**2.80**	**0.491**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.40**	<0.1	**1.40**	**1.40**	**0.257**
			12/19/2018	**>2,400**	**41**	**3.17**	<0.1	**0.81**	<0.1	**0.81**	**3.98**	**0.903**
			2/26/2019	**>2,400**	**63**	**4.73**	<0.1	**0.49**	<0.1	**0.493**	**5.223**	**0.493**
		L-002	9/25/2015	**920**	**49**	<0.1	<0.1	**1.83**	<0.2	**1.83**	**1.83**	**0.404**
			12/1/2015	**540**	**33**	<0.1	<0.1	**0.591**	<0.2	**0.591**	**0.591**	**0.226**
			3/18/2016	**280**	**49**	**0.6**	<0.1	**0.852**	<0.2	**0.852**	**1.45**	**0.379**
			6/16/2016	**33**	**2.0**	<0.1	<0.1	**0.964**	<0.2	**0.964**	**0.964**	<0.1
			9/23/2016	**14**	**4.5**	**0.1**	<0.1	**0.77**	<0.2	**0.77**	**0.870**	<0.1
			12/20/2016	**1,600**	**240**	**1.6**	<0.1	<0.5	<0.2	<0.5	**1.60**	**0.621**
			3/31/2017	**130**	**33**	**1.5**	<0.1	<0.5	<0.2	<0.5	**1.50**	**0.464**
			6/19/2017	**540**	**33**	**0.2**	<0.1	<0.5	<0.2	**0.604**	**0.804**	**0.459**
			8/29/2017	**>1,600**	**7.8**	<0.1	<0.1	**1.21**	<0.2	**1.21**	**1.21**	**0.161**
			12/28/2017	**240**	**33**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**0.056**
			4/13/2018	**>1,600**	**49**	**1.0**	<0.1	<0.5	<0.2	<0.5	**1.00**	**0.449**
			5/25/2018	**220**	**4.5**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.145**
			8/28/2018	**540**	<2.0	<0.1	<0.1	**3.40**	<0.1	**3.40**	**3.40**	**0.459**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.30**	<0.1	**1.30**	**1.30**	**0.308**
			12/19/2018	**>2,400**	**58**	**2.24**	<0.1	<0.5	<0.1	<0.4	**2.58**	**0.985**
			2/26/2019	**>2,400**	**64**	**4.40**	<0.1	**0.30**	<0.1	**0.299**	**4.70**	**0.424**

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Malibu Lagoon and Creek	1 foot BSW	L-003	9/25/2015	**540**	**70**	<0.1	<0.1	**2.35**	<0.2	**2.35**	**2.35**	**0.379**
			12/1/2015	**240**	**17**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.213**
			3/18/2016	**240**	**23**	**0.6**	<0.1	**1.03**	<0.2	**1.03**	**1.63**	**0.397**
			6/16/2016	**79**	**4.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.139**
			9/23/2016	**23**	**4.5**	<0.1	<0.1	**1.21**	<0.2	**1.21**	**1.21**	<0.1
			12/20/2016	**220**	**31**	**2.7**	<0.1	<0.5	<0.2	<0.5	**2.70**	**0.984**
			3/31/2017	**70**	**23**	**1.2**	<0.1	**0.511**	<0.2	**0.511**	**1.71**	**0.446**
			6/19/2017	**220**	**17**	<0.1	<0.1	**0.714**	<0.2	**0.714**	**0.714**	**1.69**
			8/29/2017	**>1,600**	**33**	<0.1	<0.1	**0.898**	<0.2	**0.898**	**0.898**	**0.186**
			12/28/2017	**>1,600**	**13**	**0.08**	<0.1	**0.393**	<0.2	**0.393**	**0.473**	<0.1
			4/13/2018	**>1,600**	**79**	**0.6**	<0.1	**0.741**	<0.2	**0.741**	**1.34**	**0.373**
			5/25/2018	**110**	**79**	<0.1	<0.1	**0.906**	<0.2	**0.906**	**0.906**	**0.224**
			8/28/2018	**84**	**4.0**	<0.1	<0.1	**2.80**	<0.1	**2.80**	**2.80**	**0.353**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.20**	<0.1	**1.20**	**1.20**	**0.161**
			12/19/2018	**>2,400**	**150**	**2.18**	<0.1	**0.56**	**0.187**	**0.751**	**2.93**	**0.945**
			2/26/2019	**>2,400**	**30**	**3.45**	<0.1	**0.79**	<0.1	**0.790**	**4.24**	**0.425**
		L-004	9/25/2015	**170**	**23**	<0.1	<0.1	**2.67**	<0.2	**2.67**	**2.67**	**0.266**
			12/1/2015	**170**	**130**	<0.1	<0.1	**0.583**	<0.2	**0.583**	**0.583**	**0.200**
			3/18/2016	**350**	**170**	**0.5**	<0.1	**0.798**	<0.2	**0.798**	**1.30**	**0.350**
			6/16/2016	**49**	**2.0**	<0.1	<0.1	**0.667**	<0.2	**0.667**	**0.667**	**0.114**
			9/23/2016	**17**	**4.5**	<0.1	<0.1	**0.627**	<0.2	**0.627**	**0.627**	<0.1
			12/20/2016	**540**	**79**	**2.4**	<0.1	<0.5	<0.2	<0.5	**2.40**	**0.833**
			3/31/2017	**540**	**170**	**0.4**	<0.1	**1.67**	<0.2	**1.67**	**2.07**	**0.394**
			6/19/2017	**540**	**350**	<0.1	<0.1	**1.06**	<0.2	**1.06**	**1.06**	**0.477**
			8/29/2017	**>1,600**	**49**	<0.1	<0.1	**0.653**	<0.2	**0.653**	**0.653**	**0.151**
			12/28/2017	**540**	**170**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			4/13/2018	**1,600**	**130**	**1.0**	<0.1	<0.5	<0.2	<0.5	**1.00**	**0.548**
			5/25/2018	**94**	**33**	<0.1	<0.1	**0.729**	<0.2	**0.729**	**0.729**	**0.180**
			8/28/2018	**270**	**6.2**	<0.1	<0.1	**3.80**	<0.1	**3.80**	**3.80**	**0.396**
			11/6/2018	*NR*	*NR*	<5.0	<5.0	<0.5	<0.1	<0.4	<0.5	**0.085**
			12/19/2018	**>2,400**	**140**	**0.25**	<0.1	**0.75**	<0.1	**0.753**	**1.00**	**0.280**
			2/26/2019	**>2,400**	**88**	**4.04**	<0.1	**0.54**	<0.1	**0.542**	**4.582**	**0.468**

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Malibu Lagoon and Creek	1 foot BSW	L-005	9/25/2015	**350**	**49**	<0.1	<0.1	**3.8**	<0.2	**3.8**	**3.80**	**0.372**
			12/1/2015	**350**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.123**
			3/18/2016	**540**	**350**	**1.6**	<0.1	**1.37**	<0.2	**1.37**	**2.97**	**0.661**
			6/16/2016	**26**	**6.8**	<0.1	<0.1	**1.16**	<0.2	**1.16**	**1.16**	**0.133**
			9/23/2016	**7.8**	**7.8**	<0.1	<0.1	<0.5	<0.2	**0.53**	**0.530**	<0.1
			12/20/2016	**350**	**49**	**2.5**	<0.1	<0.5	<0.2	<0.5	**2.50**	**0.865**
			3/31/2017	**170**	**22**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**0.104**
			6/19/2017	**240**	**240**	<0.1	<0.1	**0.976**	<0.2	**0.976**	**0.976**	**0.902**
			8/29/2017	**920**	**70**	<0.1	<0.1	**1.22**	<0.2	**1.22**	**1.22**	**0.135**
			12/28/2017	**>1,600**	**>1,600**	**0.7**	<0.1	**0.703**	<0.2	**0.703**	**1.40**	**0.191**
			4/13/2018	**>1,600**	**94**	**0.6**	<0.1	<0.5	<0.2	<0.5	**0.600**	**0.312**
			5/25/2018	**>1,600**	**>1,600**	<0.1	<0.1	**0.940**	<0.2	**0.940**	**0.940**	**0.411**
			8/28/2018	**100**	<2.0	<0.1	<0.1	**3.10**	<0.1	**3.10**	**3.10**	**0.432**
			11/6/2018	*NR*	*NR*	<5.0	<5.0	**1.40**	<0.1	**1.40**	**1.40**	**0.211**
			12/19/2018	**>2,400**	**180**	**1.81**	<0.1	<0.5	**0.116**	**0.567**	**2.38**	**0.883**
			2/26/2019	**>2,400**	**260**	**3.43**	<0.1	**0.59**	<0.1	**0.587**	**4.02**	**0.343**
		L-006	9/25/2015	**170**	**170**	<0.1	<0.1	**3.59**	<0.2	**3.67**	**3.67**	**0.320**
			12/1/2015	**350**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.168**
			3/18/2016	**920**	**130**	**0.4**	<0.1	**1.46**	<0.2	**1.46**	**1.86**	**0.366**
			6/16/2016	**17**	**7.8**	<0.1	<0.1	**1.18**	<0.2	**1.18**	**1.18**	**0.172**
			9/23/2016	**7.8**	**7.8**	<0.1	<0.1	**1.24**	<0.2	**1.24**	**1.24**	<0.1
			12/20/2016	**130**	**14**	**0.3**	<0.1	<0.5	<0.2	<0.5	**0.300**	**0.287**
			3/31/2017	**540**	**11**	<0.1	<0.1	**13.6**	<0.2	**13.6**	**13.6**	**3.50**
			6/19/2017	**33**	**7.8**	<0.1	<0.1	**1.12**	<0.2	**1.12**	**1.12**	**0.714**
			8/29/2017	**1,600**	**26**	<0.1	<0.1	**1.76**	<0.2	**1.76**	**1.76**	**0.110**
			12/28/2017	**920**	**170**	<0.1	<0.1	**4.27**	<0.2	**4.27**	**4.27**	**0.333**
			4/13/2018	**>1,600**	**110**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.394**
			5/25/2018	**49**	**7.8**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.177**
			8/28/2018	**210**	**28**	<0.1	<0.1	**2.80**	<0.1	**2.80**	**2.80**	**0.416**
			11/6/2018	*NR*	*NR*	<5.0	<5.0	**1.40**	<0.1	**1.40**	**1.40**	**0.179**
			12/19/2018	**>2,400**	**1,700**	**0.11**	<0.1	**1.80**	<0.1	**1.80**	**1.91**	**0.277**
			2/26/2019	**>2400**	**210**	**0.05**	<0.1	**3.1**	<0.1	**3.1**	**3.15**	**0.460**

Notes:
bold: Constituent detected above Reporting Detection Limit (RDL)
mg/L: milligrams per liter
MPN/100mL: Most Probable Number per 100 milliliters
NR : Not reported due to poor quality of culture membrane during laboratory analysis
<: Constituent not detected above the RDL
>: Constituent detected above the laboratory upper detection limit

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)													
Well ID	Well Depth (bgs)	Sample Date	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride	Comments
LAMW-5S	73 feet	9/29/15	= **350**	= **4.5**	= **32.80**	= **7.40**	< 0.1	= **7.68**	= **0.986**	< 0.2	= **1.07**	= **8.75**	= **14.7**	= **0.314**	= **156**	= **769**	= **103**	
		3/15/16	> **1,600**	= **350**	= -	= **8.20**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **8.20**	= **9.43**	= -	= -	= **713**	= -	
		9/20/16	< 2	< 1.8	= **55.10**	= **12.4**	< 0.1	= **12.4**	< 0.5	< 0.2	< 0.5	= **12.4**	= **7.04**	= **0.248**	= **200**	= **863**	= **125**	
		3/28/17	= **49**	< 1.8	= -	= **13.6**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **13.6**	= **5.24**	= -	= -	= **696**	= -	
		9/14/17	> **1,600**	= **170**	= **72.80**	= **16.4**	< 0.1	= **16.4**	< 0.50	< 0.2	< 0.50	= **16.4**	= **5.38**	= **0.325**	= **98.6**	= **604**	= **117**	
		6/20/18	= **8**	< 1.8	= -	= **13.3**	< 0.1	= -	< 0.50	< 0.2	< 0.50	= **13.3**	= **2.00**	= -	= -	= **618**	= -	
		8/22/18	= **160**	< 2	= -	= **10.6**	< 0.1	= **10.6**	< 0.50	< 0.1	< 0.40	= **10.6**	= **4.35**	= **0.257**	= **71.8**	= **588**	= **98.9**	
		11/6/18	= -	= -	= -	= **11.4**	< 0.1	= **11.4**	< 0.5	< 0.1	< 0.40	= **11.5**	= **1.775**	= **0.285**	= **70.4**	= **590**	= **99.4**	
		12/18/18	= **36**	= **1**	= **57.70**	= **13.0**	< 0.1	= -	< 0.5	= **0.241**	< 0.40	= **13.0**	= **1.170**	= -	= -	= **536**	= **98.9**	
		2/26/19	> **2,400**	< 1	= -	= **14.2**	< 0.1	= **14.2**	= **0.06**	< 0.1	= **0.059**	= **14.3**	= **3.88**	= **0.234**	= **131**	= **626**	= **100**	
SMBRP-7B	25 feet	12/15/15	= **11**	< 1.8	= -	< 0.1	< 0.1	= -	< 0.5	< 0.2	= **0.552**	= **0.552**	= **0.478**	= -	= -	= **3,090**	= -	
		3/15/16	= **110**	= **11**	= -	< 0.1	< 0.1	= -	= **1.37**	< 0.2	= **1.37**	= **1.37**	= **0.916**	= -	= -	= **1,400**	= -	
		9/20/16	< 2	< 1.8	= -	< 0.1	< 0.1	= -	< 0.5	= **0.215**	= **0.618**	= **0.618**	= **0.445**	= -	= -	= **3,920**	= -	
		3/28/17	= **5**	< 1.8	= -	= **2.30**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **2.30**	= **0.287**	= -	= -	= **3,430**	= -	
		9/12/17	< 2	< 1.8	= -	= **1.20**	< 0.1	= -	< 0.5	< 0.2	< 0.50	= **1.20**	= **0.550**	= -	= -	= **3,580**	= -	
		6/20/18	= **12**	< 1.8	= -	= **0.200**	< 0.1	= -	< 0.5	< 0.2	< 0.50	= **0.200**	= **0.224**	= -	= -	= **3,480**	= -	
		8/22/18	= **74**	= **58**	= -	= **0.57**	< 0.1	= **0.57**	< 0.5	< 0.1	< 0.40	= **0.57**	= **0.802**	= -	= -	= **2,330**	= -	
		2/28/19	= **190**	= **4.1**	= -	= **2.92**	< 0.1	= -	= **0.08**	< 0.1	= **0.077**	= -	= **0.204**	= -	= -	= **1,950**	= -	
SMBRP-9	45 feet	12/15/15	< 2	< 1.8	= **78.80**	= **17.8**	< 0.1	= **17.8**	< 0.5	= **0.331**	< 0.5	= **18.1**	= **0.41**	= **0.56**	= **538**	= **2,100**	= **309**	
		3/15/16	< 2	< 1.8	= -	= **15.1**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **15.1**	= **0.462**	= -	= -	= **2,100**	= -	
		9/20/16	= **33**	< 1.8	= **84.50**	= **19.1**	< 0.1	= **19.1**	< 0.5	< 0.2	< 0.5	= **19.1**	= **0.272**	= **0.649**	= **342**	= **1,940**	= **213**	
		3/28/17	= **9**	< 1.8	= -	= **22.2**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **22.2**	= **0.101**	= -	= -	= **2,080**	= -	
		9/12/17	= **8**	< 1.8	= **73.30**	= **16.6**	< 0.1	= **16.6**	< 0.50	< 0.2	< 0.50	= **16.6**	= **0.125**	= **0.602**	= **380**	= **1,800**	= **230**	
		6/20/18	= **110**	< 1.8	= -	= **18.5**	< 0.1	= -	< 0.50	< 0.2	< 0.50	= **18.5**	= **0.376**	= -	= -	= **1,900**	= -	
		8/23/18	> **4,800**	< 2	= -	= **17.7**	< 0.1	= **17.7**	< 0.50	< 0.1	< 0.40	= **17.7**	= **0.370**	= **0.628**	= **329**	= **1,770**	= **200**	
		11/6/18	= -	= -	= -	= **9.69**	< 0.1	= **9.69**	< 0.5	< 0.1	< 0.40	= **10.1**	= **0.128**	= **0.577**	= **434**	= **1,840**	= **235**	
		12/18/18	= **360**	< 1	= **12.40**	= **2.80**	< 0.1	= -	< 0.5	< 0.1	< 0.40	= **2.80**	= **0.068**	= -	= -	= **1,350**	= **141**	
		2/26/19	= **730**	< 1	= -	= **1.96**	< 0.1	= **1.96**	= **0.61**	< 0.1	= **0.612**	= **2.57**	= **0.019**	= **0.550**	= **234**	= **1,330**	= **116**	
SMBRP-11	20 feet	6/22/18	< 2	< 1.8	= -	= **14.9**	< 0.1	= -	< 0.50	= **1.75**	< 0.50	= **16.7**	= **0.104**	= -	= -	= **1,700**	= -	
		8/21/18	< 2	< 2	= -	= **14.5**	< 0.1	= **14.5**	= **0.700**	= **0.911**	= **1.60**	= **16.1**	= **0.097**	= **0.586**	= **320**	= **1,610**	= **292**	
		11/6/18	= -	= -	= -	= **16.5**	= **0.73**	= **17.2**	= **0.800**	= **1.38**	= **2.20**	= **19.4**	= **0.085**	= **0.652**	= **378**	= **1,570**	= **323**	
		12/18/18	> **2,400**	= **3.1**	= **71.50**	= **16.1**	= **0.50**	= -	< 0.5	= **1.34**	= **1.80**	= **18.4**	= **0.031**	= -	= -	= **1,510**	= **326**	
		2/26/19	= **520**	< 1	= -	= **7.62**	< 0.1	= **7.62**	= **0.68**	= **0.915**	= **1.6**	= **9.22**	= **0.036**	= **0.531**	= **252**	= **1,070**	= **205**	
SMBRP-12	25 feet	12/16/15	< 2	< 1.8	< 0.40	< 0.1	< 0.1	< 0.1	< 0.5	= **6.41**	= **5.81**	= **5.81**	= **1.36**	= **0.923**	= **426**	= **2,140**	= **478**	
		3/15/16	< 2	< 1.8	= -	< 0.1	< 0.1	= -	= **2.9**	= **5.67**	= **8.57**	= **8.57**	= **1.43**	= -	= -	= **2,290**	= -	
		9/21/16	< 2	< 1.8	= **0.60**	= **0.100**	< 0.1	= **0.128**	< 0.5	= **8.85**	= **8.28**	= **8.28**	= **0.753**	= **1.25**	= **871**	= **7,930**	= **3,140**	
		3/29/17	= **7**	< 1.8	= -	< 0.1	< 0.1	= -	< 0.5	= **7.60**	= **7.85**	= **7.85**	= **1.88**	= -	= -	= **1,610**	= -	
		9/13/17	< 2	< 1.8	< 0.4	< 0.1	< 0.1	< 0.1	< 0.50	= **5.65**	= **2.76**	= **2.76**	= **1.37**	= **0.91**	= **508**	= **1,950**	= **482**	
		6/20/18	= **2**	< 1.8	= -	= **0.100**	< 0.1	= -	< 0.50	= **4.25**	= **3.89**	= **3.89**	= **1.80**	= -	= -	= **1,580**	= -	
		8/22/18	= **88**	< 2	= -	< 0.1	< 0.1	< 0.1	< 0.50	= **4.99**	= **5.40**	= **5.40**	= **1.00**	= **0.874**	= **397**	= **1,850**	= **523**	
		11/6/18	= -	= -	= -	< 0.1	< 0.1	< 0.1	< 0.5	= **4.44**	= **3.40**	= **3.46**	= **0.972**	= **0.823**	= **482**	= **1,820**	= **491**	
		12/18/18	= **11**	= **2**	= **0.47**	= **0.11**	= **0.96**	= -	= **0.520**	= **4.88**	= **5.40**	= **6.47**	= **1.290**	= -	= -	= **1,990**	= **543**	
		2/26/19	= **51**	< 1	= -	= **0.09**	< 0.1	= **0.09**	= **1.6**	= **11.4**	= **13**	= **13.1**	= **0.334**	= **0.774**	= **381**	= **1,690**	= **338**	
SMBRP-13	19 feet	12/15/15	= **5**	< 1.8	= -	< 0.1	< 0.1	= -	< 0.5	= **0.200**	< 0.5	= **0.200**	= **0.316**	= -	= -	= **1,810**	= -	
		3/15/16	< 2	< 1.8	= -	< 0.1	< 0.1	= -	= **0.556**	= **0.884**	= **1.44**	= **1.44**	= **0.461**	= -	= -	= **27,500**	= -	
		9/21/16	< 2	< 1.8	= -	= **0.100**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **0.100**	< 0.1	= -	= -	= **3,320**	= -	
		3/29/17	< 2	< 1.8	= -	= **0.500**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **0.500**	= **1.61**	= -	= -	= **4,620**	= -	
		9/13/17	= **2**	< 1.8	= -	< 0.1	= **0.1**	= -	< 0.50	= **0.605**	< 0.50	= **0.705**	= **0.283**	= -	= -	= **6,850**	= -	
		6/22/18	< 2	< 1.8	= -	= **0.200**	< 0.1	= -	< 0.5	= **0.316**	< 0.5	= **0.516**	= **0.382**	= -	= -	= **2,660**	= -	
		8/23/18	= **19**	< 2	= -	< 0.1	< 0.1	< 0.1	< 0.5	= **0.222**	= **0.532**	= **0.532**	= **0.314**	= -	= -	= **3,200**	= -	
		2/26/19	= **14**	= **4.1**	= -	= **0.11**	< 0.1	= **0.11**	= **0.48**	= **0.392**	= **0.867**	= -	= **2.38**	= -	= -	= **2,530**	= -	

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)													
Well ID	Well Depth (bgs)	Sample Date	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride	Comments
MBCMW-9	9 feet	9/23/15	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well dry at time of sampling*
		3/16/16	= **8**	< 1.8	= -	< 0.1	< 0.1	= -	= **1.82**	< 0.2	= **1.82**	= **1.82**	= **2.26**	= -	= -	= **6,080**	= -	
		9/21/16	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well dry at time of sampling*
		3/28/17	= **11**	= **4.5**	= -	< 0.1	< 0.1	= -	= **1.22**	< 0.2	= **1.22**	= **1.22**	= **0.307**	= -	= -	= **4,980**	= -	
		9/13/17	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well dry at time of sampling*
		6/20/18	= **2**	< 1.8	= -	= **0.200**	< 0.1	= -	= **1.17**	< 0.2	= **1.17**	= **1.37**	= **0.356**	= -	= -	= **7,290**	= -	
		8/23/18	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well dry at time of sampling*
		2/28/19	> **2,400**	= **1,700**	= -	= **0.05**	< 0.1	= -	= **1.2**	< 0.1	= **1.2**	= -	= **0.317**	= -	= -	= **4,350**	= -	
MCWP-MW04S	20 feet	9/28/15	= **17**	< 1.8	< 0.40	< 0.1	< 0.1	< 0.1	= **1.00**	< 0.2	= **1.00**	= **1.26**	= **0.516**	= **2.09**	= **3,440**	= **6,510**	= **480**	
		12/15/15	< 2	< 1.8	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	
		3/16/16	= **2**	< 1.8	= -	= **0.200**	< 0.1	= -	= **1.60**	< 0.2	= **1.60**	= **1.80**	= **0.548**	= -	= -	= **6,320**	= -	
		9/21/16	< 2	< 1.8	= **1.18**	= **0.300**	< 0.1	= **0.300**	= **0.600**	< 0.2	= **0.60**	= **0.900**	= **0.583**	= **2.25**	= **2,980**	= **6,750**	= **744**	
		3/28/17	= **33**	< 1.8	= -	= **2.00**	< 0.1	= -	= **1.44**	< 0.2	= **1.44**	= **3.44**	= **0.417**	= -	= -	= **6,360**	= -	
		9/13/17	< 2	< 1.8	= **3.00**	= **0.700**	< 0.1	= **0.671**	< 0.50	< 0.2	< 0.50	= **0.671**	= **0.449**	= **2.11**	= **2,880**	= **6,380**	= **791**	
		6/20/18	= **2**	< 1.8	= -	= **0.500**	< 0.1	= -	= **0.800**	< 0.2	= **0.80**	= **1.30**	= **0.262**	= -	= -	= **5,830**	= -	
		8/21/18	= **660**	< 2	= -	< 0.1	< 0.1	< 0.1	= **1.20**	< 0.1	= **1.20**	= **1.28**	= **0.242**	= **1.92**	= **2,760**	= **6,530**	= **723**	
		11/6/18	= -	= -	= -	= **0.21**	< 0.1	= **0.21**	= **0.600**	< 0.1	= **0.585**	= **0.80**	= **0.149**	= **1.88**	= **3,050**	= **5,820**	= **663**	
		12/18/18	> **2,400**	< 1	= **2.38**	= **0.54**	= **1.58**	= -	= **0.700**	< 0.1	= **0.773**	= **2.89**	= **0.259**	= -	= -	= **5,710**	= **759**	
		2/26/19	= **16**	< 1	= -	= **3.61**	< 0.1	= **3.61**	= **0.94**	< 0.1	= **0.939**	= **4.55**	= **0.378**	= **1.64**	= **2,620**	= **5,930**	= **877**	
MCWP-MW04D	148 feet	9/28/15	= **17**	< 1.8	= **6.44**	= **1.50**	< 0.1	= **1.50**	< 0.5	= **0.117**	< 0.5	= **1.617**	= **0.154**	= **0.772**	= **527**	= **1,630**	= **216**	
		3/17/16	< 2	< 1.8	= -	= **1.70**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **1.70**	< 0.1	= -	= -	= **1,600**	= -	
		9/22/16	< 2	< 1.8	= **8.63**	= **1.90**	< 0.1	= **1.90**	< 0.5	< 0.2	< 0.5	= **1.90**	< 0.1	= **0.774**	= **531**	= **1,550**	= **232**	
		3/30/17	= **130**	< 1.8	= -	= **0.800**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **0.800**	= **0.795**	= -	= -	= **232**	= -	
		9/15/17	< 2	< 1.8	= **8.05**	= **1.80**	< 0.1	= **1.80**	< 0.50	< 0.2	< 0.50	= **1.80**	= **0.123**	= **0.866**	= **554**	= **1,600**	= **250**	
		6/21/18	< 2	< 1.8	= -	= **1.70**	< 0.1	= -	< 0.50	< 0.2	< 0.50	= **1.70**	< 0.1	= -	= -	= **1,570**	= -	
		8/23/18	< 2	< 2	= -	= **1.66**	< 0.1	= **1.66**	< 0.50	< 0.1	< 0.40	= **1.66**	= **0.140**	= **0.846**	= **539**	= **1,610**	= **238**	
		11/7/18	= -	= -	= -	= **2.44**	< 2	= **2.44**	< 0.5	< 0.1	< 0.40	= **2.44**	= **0.056**	= **0.793**	= **560**	= **1,650**	= **262**	
		12/19/18	= **190**	= **1**	= -	= **1.84**	< 0.1	= **1.84**	< 0.5	< 0.1	< 0.40	= **2.09**	= **0.296**	= -	= -	= **1,170**	= -	
		2/27/19	< 1	< 1	= -	= **1.72**	< 0.1	= **1.72**	< 0.5	< 0.1	< 0.40	= **1.72**	= **0.069**	= **0.798**	= **555**	= **1,630**	= **249**	
MCWP-MW05	154 feet	9/23/15	= -	= -	= -	= **2.30**	= -	= -	= -	= -	= -	= **2.30**	= -	= -	= -	= **1,400**	= -	
		3/17/16	= -	= -	= -	= **2.10**	= -	= -	= -	= -	= -	= **2.10**	= -	= -	= -	= **1,400**	= -	
		9/22/16	= -	= -	= -	= **2.20**	= -	= -	= -	= -	= -	= **2.20**	= -	= -	= -	= **1,450**	= -	
		3/29/17	= -	= -	= -	= **2.40**	= -	= -	= -	= -	= -	= **2.40**	= -	= -	= -	= **171**	= -	
		9/15/17	= -	= -	= -	= **2.40**	= -	= -	= -	= -	= -	= **2.40**	= -	= -	= -	= **1,410**	= -	
		6/21/18	= -	= -	= -	= **2.10**	= -	= -	= -	= -	= -	= **2.10**	= -	= -	= -	= **1,400**	= -	
		8/24/18	= **310**	< 2	= -	= **1.04**	< 0.1	= **1.04**	< 0.5	< 0.1	< 0.40	= **1.04**	= **0.305**	= -	= -	= **2,700**	= -	
		2/28/19	= -	= -	= -	= **1.97**	= -	= -	= -	= -	= -	= -	= -	= -	= -	= **1,220**	= -	
MCWP-MW06	138 feet	9/23/15	= -	= -	= -	= **0.20**	= -	= -	= -	= -	= -	= **0.200**	= -	= -	= -	= **1,590**	= -	
		3/16/16	= -	= -	= -	= **0.100**	= -	= -	= -	= -	= -	= **0.100**	= -	= -	= -	= **1,520**	= -	
		9/21/16	= -	= -	= -	< 0.1	= -	= -	= -	= -	= -	= **0.0**	= -	= -	= -	= **1,550**	= -	
		3/28/17	= -	= -	= -	= **3.60**	= -	= -	= -	= -	= -	= **3.60**	= -	= -	= -	= **383**	= -	
		9/14/17	= -	= -	= -	< 0.1	= -	= -	= -	= -	= -	= **0.0**	= -	= -	= -	= **1,630**	= -	
		6/20/18	= -	= -	= -	= **0.20**	= -	= -	= -	= -	= -	= **0.200**	= -	= -	= -	= **1,770**	= -	
		8/23/18	< 2	< 2	= -	< 0.1	< 0.1	< 0.1	< 0.5	= **0.222**	= **0.592**	= **0.592**	= **0.404**	= -	= -	= **1,740**	= -	
		2/27/19	= -	= -	= -	= **4.25**	= -	= -	= -	= -	= -	= -	= -	= -	= -	= **1,300**	= -	
MCWP-MW07S	20 feet	9/22/15	= **5**	< 1.8	= **28.80**	= **6.50**	< 0.1	= **6.50**	< 0.5	< 0.2	< 0.5	= **6.71**	= **0.451**	= **0.41**	= **294**	= **1,230**	= **227**	
		3/16/16	= **49**	< 1.8	= -	= **4.80**	= **0.24**	= -	< 0.5	< 0.2	< 0.5	= **5.04**	= **2.39**	= -	= -	= **1,180**	= -	
		9/20/16	< 2	< 1.8	= **22.80**	= **5.20**	< 0.1	= **5.20**	< 0.5	< 0.2	< 0.5	= **5.20**	= **0.545**	= **0.39**	= **234**	= **1,160**	= **217**	
		3/30/17	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well not accessible at time of sampling*
		9/12/17	< 2	< 1.8	= **22.00**	= **5.00**	< 0.1	= **5.00**	< 0.5	< 0.2	< 0.5	= **5.00**	= **0.214**	= **0.387**	= **268**	= **1,150**	= **201**	
		6/20/18	= **24**	< 1.8	= -	= **3.20**	< 0.1	= -	= **0.566**	< 0.2	= **0.683**	= **3.88**	= **0.525**	= -	= -	= **1,150**	= -	
		8/21/18	= **32**	< 2	= -	= **3.95**	< 0.1	= **3.95**	< 0.5	< 0.1	= **0.447**	= **4.40**	= **0.529**	= **0.344**	= **248**	= **1,210**	= **209**	
		11/7/18	= -	= -	= -	= **4.48**	< 2	= **4.48**	< 0.5	< 0.1	< 0.40	= **4.83**	= **0.296**	= **0.365**	= **271**	= **1,120**	= **206**	
		12/18/18	> **2,400**	= **3**	= **17.10**	= **3.87**	= **0.40**	= -	< 0.5	< 0.1	< 0.40	= **4.53**	< 0.02	= -	= -	= **1,120**	= **205**	
		2/26/19	= **550**	= **11**	= -	= **4.47**	< 0.1	= **4.47**	= **0.69**	= **0.015**	= **0.707**	= **5.18**	= **0.351**	= **0.352**	= **249**	= **1,150**	= **181**	

Table 4
Groundwater Analytical Results

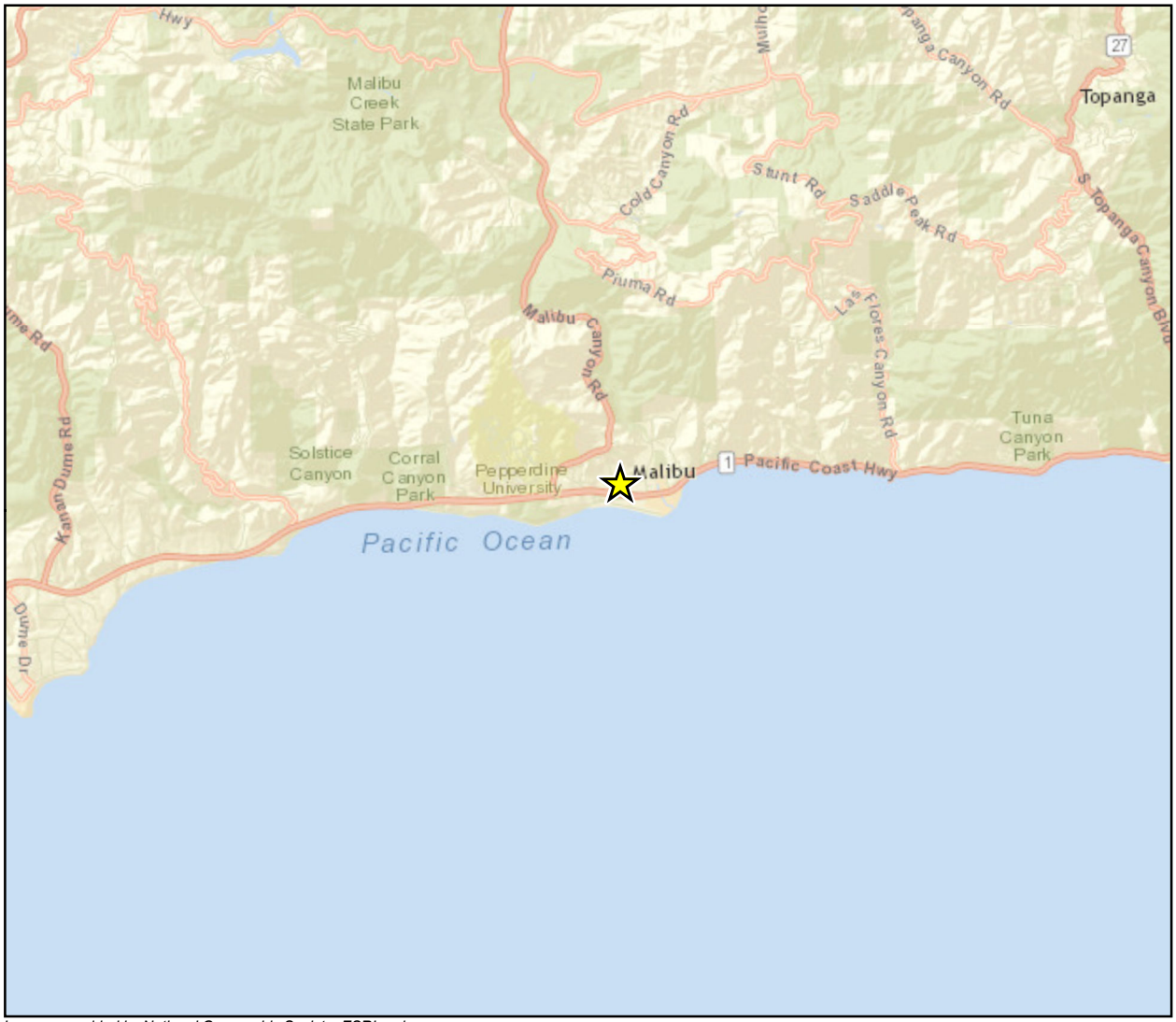
			Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)													
Well ID	Well Depth (bgs)	Sample Date	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride	Comments
MCWP-MW07D	130 feet	9/22/15	< 2	< 1.8	< 0.40	< 0.1	< 0.1	< 0.1	< 0.5	= **0.23**	< 0.5	= **0.524**	= **0.318**	= **0.476**	= **1,010**	= **2,300**	= **348**	
		3/16/16	< 2	< 1.8	= -	< 0.1	< 0.1	= -	= **1.15**	< 0.2	= **1.15**	= **1.15**	= **0.239**	= -	= -	= **2,470**	= -	
		9/22/16	< 2	< 1.8	< 0.4	< 0.1	< 0.1	< 0.1	< 0.5	= **0.283**	< 0.5	< 0.5	= **0.125**	= **0.412**	= **474**	= **1,680**	= **229**	
		3/30/17	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well not accessible at time of sampling*
		9/15/17	= **13**	< 1.8	< 0.4	< 0.1	< 0.1	< 0.1	< 0.500	= **0.168**	< 0.50	< 0.5	= **0.181**	= **0.465**	= **600**	= **1,860**	= **262**	
		6/21/18	= **5**	< 1.8	= -	= **2.00**	< 0.1	= -	< 0.500	< 0.2	< 0.50	= **2.00**	< 0.1	= -	= -	= **477**	= -	
		8/21/18	= **4**	< 2	= -	= **0.18**	< 0.1	= **0.18**	< 0.500	< 0.1	= **0.461**	= **0.64**	= **0.228**	= **0.548**	= **1,130**	= **3,070**	= **387**	
		11/7/18	= -	= -	= -	< 2	< 2	< 2	< 0.5	< 0.1	= **0.402**	= **0.40**	= **0.132**	= **0.431**	= **683**	= **1,930**	= **309**	
		12/18/18	> **2,400**	= **140**	= **4.35**	= **0.98**	= **0.11**	= -	< 0.5	< 0.1	< 0.40	= **1.22**	= **0.274**	= -	= -	= **134**	= **26.5**	
		2/26/19	> **2,400**	= **50**	= -	= **0.75**	< 0.1	= **0.75**	= **0.84**	< 0.1	= **0.837**	= **1.59**	= **0.290**	= **0.094**	= **47.6**	= **238**	= **18.4**	
MCWP-MW09	95 feet	12/16/15	< 2	< 1.8	< 0.40	< 0.1	< 0.1	< 0.1	< 0.5	< 0.2	= **1.41**	= **1.41**	= **0.218**	= **0.74**	= **590**	= **2,570**	= **723**	
		3/15/16	< 2	< 1.8	= -	< 0.1	< 0.1	= -	= **0.840**	= **2.36**	= **3.20**	= **3.20**	= **0.355**	= -	= -	= **2,410**	= -	
		9/21/16	< 2	< 1.8	< 0.4	< 0.1	< 2	< 0.1	< 0.5	= **4.18**	= **3.88**	= **3.88**	< 0.1	= **0.972**	= **807**	= **4,920**	= **1,740**	
		3/29/17	= **13**	= **7.8**	= -	= **1.40**	< 0.1	= -	= **0.583**	< 0.2	= **0.731**	= **2.13**	= **0.336**	= -	= -	= **1,070**	= -	
		9/13/17	= **2**	< 1.8	< 0.4	< 0.1	< 0.1	< 0.1	< 0.5	= **2.8**	= **1.45**	= **1.48**	= **0.314**	= **0.853**	= **655**	= **3,080**	= **1,090**	
		6/20/18	= **9**	< 1.8	= -	= **0.100**	< 0.1	= -	< 0.5	= **3.19**	= **1.51**	= **1.61**	= **0.139**	= -	= -	= **2,460**	= -	
		8/22/18	< 2	< 2	= -	< 0.1	< 0.1	< 0.1	< 0.5	= **2.32**	= **2.20**	= **2.20**	= **0.372**	= **0.808**	= **620**	= **2,280**	= **703**	
		11/6/18	= -	= -	= -	< 0.1	< 0.1	< 0.1	< 0.5	< 0.1	< 0.40	= **0.34**	= **0.302**	= **0.689**	= **475**	= **1,740**	= **479**	
		12/18/18	= **1,100**	= **4.1**	= **4.13**	= **0.93**	= **1.14**	= -	< 0.5	= **0.306**	< 0.40	= **2.46**	= **0.237**	= -	= -	= **1,800**	= **457**	
		2/26/19	= **64**	= **1**	= -	= **1.2**	< 0.1	= **1.2**	= **0.17**	= **0.713**	= **0.886**	= **2.09**	= **0.321**	= **0.703**	= **463**	= **1,800**	= **408**	
MCWP-MW10	22 feet	9/29/15	= **2**	< 1.8	= -	= **0.400**	= -	= -	< 1	< 0.2	< 1	= **0.400**	< 0.1	= -	= -	= **1,550**	= -	
		3/15/16	= **2**	< 1.8	= -	= **0.600**	< 0.1	= -	= **1.28**	< 0.2	= **1.28**	= **1.88**	< 0.1	= -	= -	= **1,800**	= -	
		9/20/16	< 2	< 1.8	= -	= **0.700**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **0.700**	< 0.1	= -	= -	= **1,730**	= -	
		3/29/17	< 2	< 1.8	= -	= **1.00**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **1.00**	< 0.1	= -	= -	= **1,990**	= -	
		9/14/17	= **17**	< 1.8	= -	< 0.1	< 0.1	= -	< 0.50	< 0.2	< 0.50	= **0.0**	< 0.1	= -	= -	= **6,720**	= -	
		6/22/18	< 2	< 1.8	= -	= **0.400**	< 0.1	= -	< 0.50	< 0.2	< 0.50	= **0.400**	= **1.56**	= -	= -	= **1,990**	= -	
		8/24/18	< 2	< 2	= -	< 0.1	< 0.1	< 0.1	< 0.50	< 0.1	< 0.40	= **0.0**	= **0.108**	= -	= -	= **3,790**	= -	
		2/27/19	> **2,400**	= **5.2**	= -	= **1.12**	< 0.1	= **1.12**	= **0.50**	< 0.1	= **0.502**	= -	= **0.379**	= -	= -	= **2,060**	= -	
TY-MW-1	41 feet	12/15/15	< 2	< 1.8	< 0.40	< 0.1	< 0.1	< 0.1	< 0.5	= **1.09**	= **0.613**	= **0.703**	= **0.416**	= **0.272**	= **658**	= **2,170**	= **410**	
		3/16/16	< 2	< 1.8	= -	< 0.1	< 0.1	= -	= **1.03**	= **0.433**	= **1.46**	= **1.46**	= **0.758**	= -	= -	= **2,160**	= -	
		9/21/16	< 2	< 1.8	= **0.22**	< 0.1	< 0.1	< 0.1	< 0.5	= **0.432**	< 0.5	= **0.516**	= **1.64**	= **0.286**	= **610**	= **2,290**	= **396**	
		3/29/17	= **5**	< 1.8	= -	= **0.100**	< 0.1	= -	= **3.38**	= **0.310**	= **3.69**	= **3.79**	= **6.08**	= -	= -	= **2,140**	= -	
		9/14/17	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well not accessible at time of sampling*
		6/20/18	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	= -	*Well replaced by SMBRP-11 for quarterly groundwater sampling*

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)													
Well ID	Well Depth (bgs)	Sample Date	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride	Comments
CCPE	52 feet	9/23/15	> **1,600**	= **49**	= -	= **1.40**	= -	= -	< 1	< 0.2	< 1	= **1.40**	< 0.1	= -	= -	= **1,630**	= -	
		3/15/16	= **240**	= **4.5**	= -	= **0.900**	< 0.1	= -	= **0.664**	< 0.2	= **0.664**	= **1.56**	< 0.1	= -	= -	= **1,800**	= -	
		9/20/16	= **540**	< 1.8	= -	= **0.900**	< 0.1	= -	< 0.5	< 0.2	< 0.5	= **0.900**	< 0.1	= -	= -	= **2,880**	= -	
		3/28/17	> **1,600**	= **350**	= -	= **0.600**	< 0.1	= -	= **3.60**	= **1.11**	= **4.71**	= **5.31**	= **0.932**	= -	= -	= **968**	= -	
		9/13/17	= **17**	< 1.8	= -	< 0.1	< 0.1	= -	< 0.50	< 0.2	< 0.50	= **0.0**	= **0.179**	= -	= -	= **7,700**	= -	
		6/22/18	= **5**	< 1.8	= -	= **1.60**	< 0.1	= -	= **1.01**	< 0.2	= **1.01**	= **2.61**	= **0.683**	= -	= -	= **690**	= -	
		8/24/18	< 2	< 2	= -	= **2.00**	< 0.1	= **2.00**	< 0.50	< 0.1	< 0.40	= **2.00**	= **0.194**	= -	= -	= **1,380**	= -	
		2/27/19	= **1,400**	= **580**	= -	= **1.1**	< 0.1	= **1.1**	= **1.3**	< 0.1	= **1.3**	= -	= **0.240**	= -	= -	= **672**	= -	

Notes:
bgs: Below ground surface
bold: Constituent detected above Reporting Detection Limit (RDL)
mg/L: Milligrams per liter
MPN/100mL: Most Probable Number per 100 milliliter
NR: Not reported due to poor quality of culture membrane during laboratory analysis
<: Constituent not detected above the RDL
>: Constituent detected above the laboratory upper detection limit
- : Not reported

Figures



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Project Location

N

0 1 2

Miles

Vicinity Map

Figure 1

Rincon Consultants Inc.

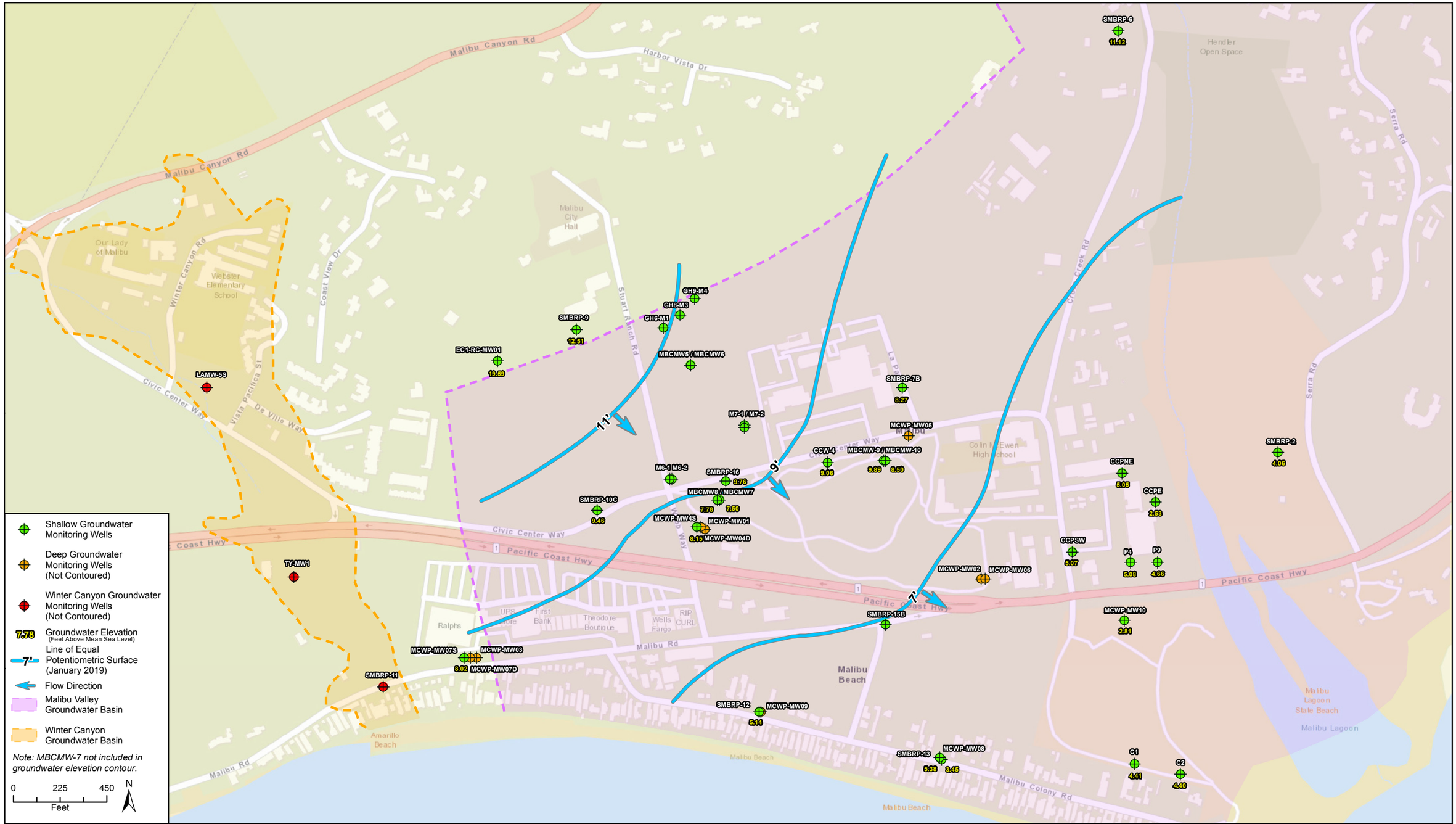


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Site Map - Civic Center Area

Figure 2

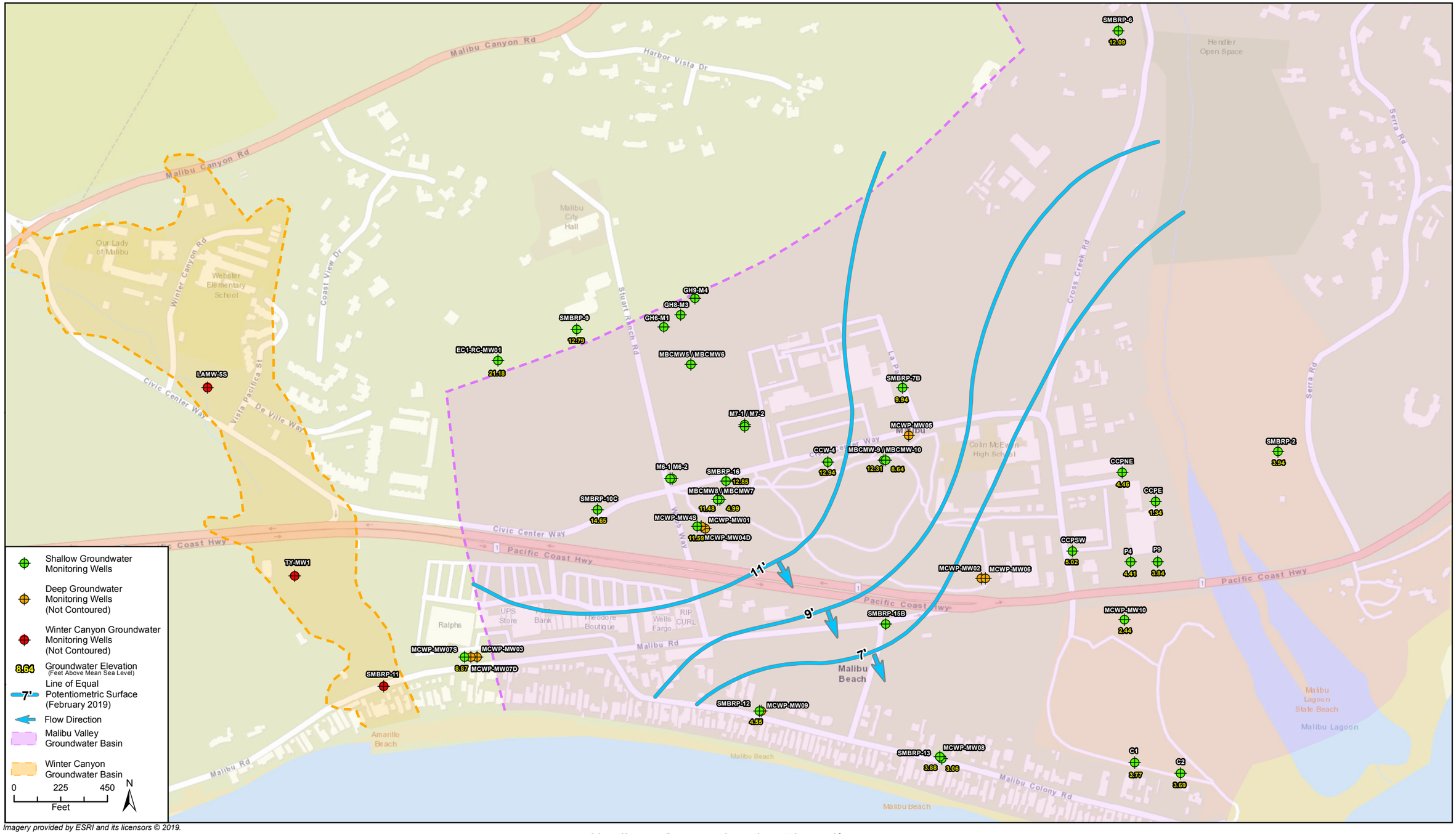
Rincon Consultants Inc.



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Shallow Groundwater Elevation
January 2019

Figure 3

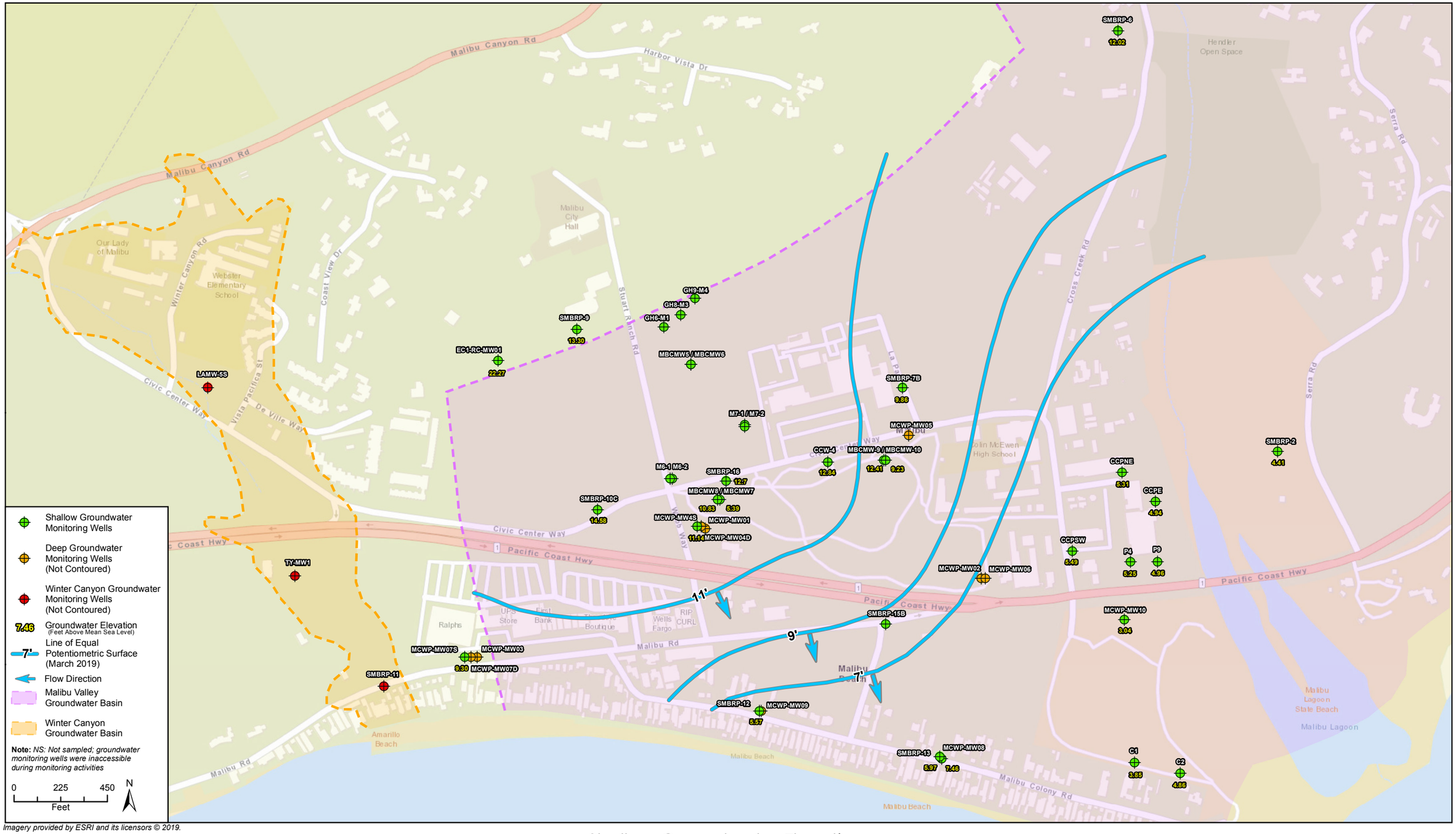


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Shallow Groundwater Elevation
February 2019

Figure 4

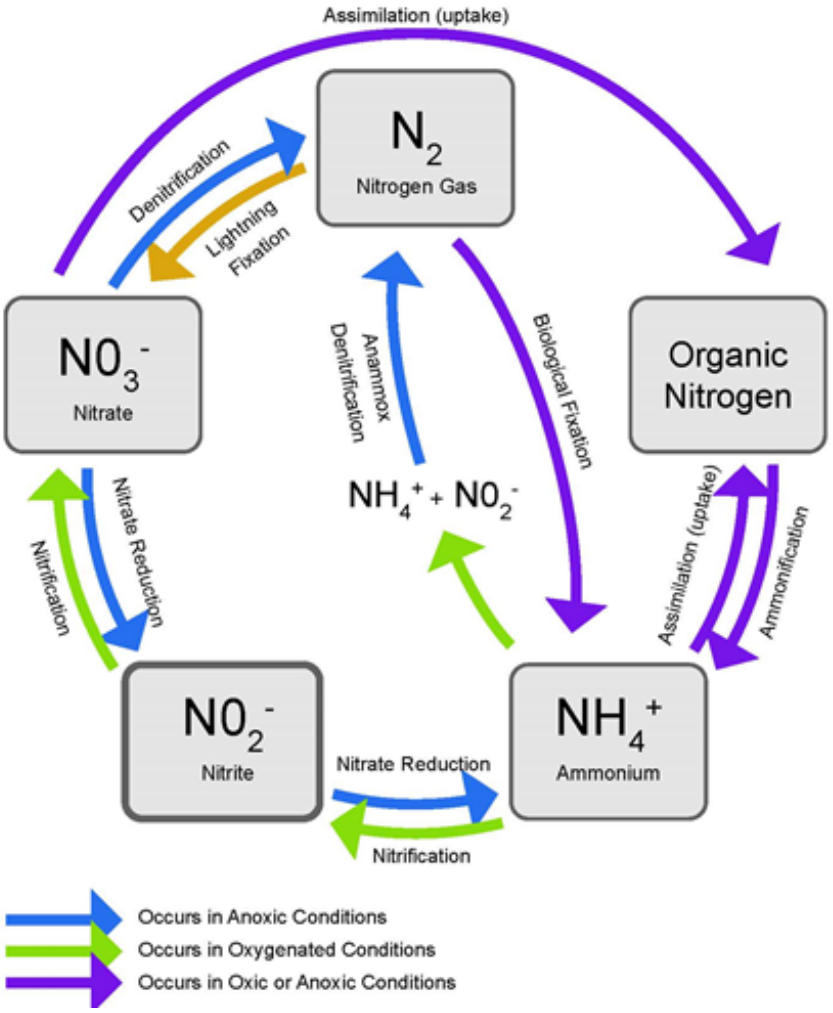
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Shallow Groundwater Elevation
March 2019

Figure 5



The Nitrogen Cycle Figure 6

Appendix A

Groundwater and Surface Water Field Sheets

Table 1

Groundwater Monitoring Well Construction Details

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 01 /03 /2018	Time	Depth to Water 8/24/2015 (ft bTOC)	Wellhead Condition/ Notes
C-1	14.5	n/a	11.47	7.06	1111	n/a	
C-2	14.5	2	11.19	6.79	1113	5.11	
CCPE	20	2	12.94	10.41	1013	5.76	
CCPNE		2	13.68	8.63	1015	6.44	
CCPSW		2	13.67	8.60	1019	6.29	
CCW-4		1	15.77	6.71	0941	6.50	
GH6-M1	35	2		28.87	0858	28.92	
GH8-M3	40	2		28.7	0902	28.37	
GH9-M4	45	2		NA		30.31	
LAMW-5S	20	4	104.55	51.63	0924	53.71	furthest from Pepperidge
M6-1	45	2		6.71	0912	6.61	
M6-2	20	2		5.44	~~5.44~~ 0913	5.76	
M7-1	40	2		8.68	0915	8.09	
M7-2	25	2		8.17	0916	7.78	
MBCMW-5	19.4	n/a	29.03	Dry		n/a	18.2 Total Depth; Transducer
MBCMW-6	64.26	n/a	29.02	N/A		n/a	
MBCMW-7	52.5	2	16.64	9.14	0933	11.26	
MBCMW-8	10	2	16.53	3.75	0935	9.11	
MBCMW-9	10	2	17.71	7.82	0946	8.70	
MBCMW-10	53	2	17.74	9.24	0947	8.63	
MCWP-MW01	148	6	17.90	10.95	1027	10.22	
MCWP-MW02	145	6	18.06	11.18	1024	10.39	
MCWP-MW03	134	6		8.78	1035	7.65	
MCWP-MW04D	148	4		10.18	1029	9.35	
MCWP-MW04S	20	4		7.14	1030	7.55	
MCWP-MW05	158	4		8.29	0943	7.62	
MCWP-MW06	153	2		10.72	1022	9.87	
MCWP-MW07D	134	2		8.71	1036	7.51	
MCWP-MW07S	20	2		5.70	1037	6.76	
MCWP-MW08	77	2		8.76	1051	7.64	
MCWP-MW09	95	2	16.30	6.67	1045	7.52	
MCWP-MW10	60	2		8.30	1105	5.70	
P-4	12.5	4	12.16	7.08	1008	4.58	
P-9	14.3	4	12.17	7.51	1010	5.07	
SMBRP-2	25	2	13.13	9.07	1003	6.04	
SMBRP-6	25	2	26.88	15.76	0955	16.49	
SMBRP-7B	45	2	18.99	10.72	0949	10.69	
SMBRP-8 (EG-RC MW01)	60	4		29.1	0850	28.74	
SMBRP-9	45	2	50.32	37.81	0945	38.24	
SMBRP-10C	25	2	16.25	6.79	0921	7.37	
SMBRP-11	20	2	18.35	8.42	1039	8.88	
SMBRP-12	25	2	12.62	7.48	1047	5.69	
SMBRP-13	20	2	13.58	8.20	1053	8.32	
SMBRP-15B	25	1	16.77	DRY	1100	Dry	TWD 7.91
SMBRP-16	25	2	14.50	4.74	0932	4.95	

Malibu

Monthly Gauging Sheet

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	Time / / 2/25/19	Depth to Water	Well Head Deficiencies Comments
C-1	14.5	n/a	1125	7.70	
C-2	14.5	2	1130	7.50	
CCPE	52	2	1045	11.60	* 52.00
CCPNE		2	1050	9.22	
CCPSW		2	1055	8.65	
CCW-4		1	1240	2.83	
GH6-M1	35	2	0925	28.22	
GH8-M3	40	2	0930	27.23	
GH9-M4	45	2		—	BURIED
Lagoon	n/a	n/a		—	
LAMW-5S	74	4	0950	47.48	* 74.15
M6-1	45	2	0940	3.93	
M6-2	20	2	0940	5.33	
M7-1	40	2	0945	6.71	
M7-2	25	2	0945	5.44	
MBCMW-5	19.4	n/a		—	BURIED
MBCMW-6	64.26	n/a		—	BURIED
MBCMW-7	52.5	2	1009	11.65	
MBCMW-8	10	2	1010	5.05	
MBCMW-9	9	2	1255	5.40	* 9.25
MBCMW-10	53	2	1310	9.10	
MCWP-MW01	148	6	0955	11.00	
MCWP-MW02	145	6	1145	12.38	
MCWP-MW03	134	6	1320	8.30	
MCWP-MW04D	145	4	1000	10.17	* 74.15
MCWP-MW04S	20	4	0957	3.70	* 20.40
MCWP-MW05	150	4	1245	8.10	* 154.5
MCWP-MW06	137	2	1150	10.37	* 137.45
MCWP-MW07D	134	2	1325	8.20	* 129.45
MCWP-MW07S	20	2	1330	4.85	* 17.2
MCWP-MW08	77	2	1350	9.15	
MCWP-MW09	89	2	1340	6.60	* 89.25
MCWP-MW10	22	2	1105	8.67	* 22.20
P-4	12.5	4	1034	7.75	
P-9	14.3	4	1040	8.83	
SMBRP-2	25	2	0925	9.19	
SMBRP-6	25	2	0915	14.79	
SMBRP-7b	25	2	1230	9.05	* 40.41
SMBRP-8 (EG-RC MW01)	60	4	0915	27.51	
SMBRP-9	45	2	0900	37.53	* 45.02
SMBRP-10C	25	2	1315	1.6	
SMBRP-11	20	2	1200	7.74	* 20.20
SMBRP-12	25	2	1345	9.07	* 24.80
SMBRP-13	20	2	1355	9.7	* 19.42
SMBRP-15b	25	1	1400	—	WELL IS DRY
SMBRP-16	25	2	1005	1.65	

* = TOTAL WELL DEPTH

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 2.25.19
Project/Location Malibu, CA Civic Center Area	Well Number: LAMW-S3
Observation Period Start: 0955 Stop: 1030	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: Nico N.

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	74'
Well Diameter (in)	4	Depth of Well (ft)	74.15
Initial/Static Depth to Water (ft)	47.48	Length of Water Column (ft)	26.67
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	17.3	Three Casing Volumes (gal)	52.00
Purge Time, Start	1000	Purge Time, Stop	1025
Total Purge Time (minutes)	25	Purge Rate (gpm)	1.0
Purge Volume (gal)	25	Depth to Water (ft) at Sampling	47.47

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	17.5	25					At Sampling
Temperature (C)	20.8	21.3	21.1	WELL DEWATERED @ 25 GALLONS.				20.8
pH	7.31	6.79	6.81					6.98
Conductivity (µS)	1363	1137	1174					1055
Dissolved Oxygen (mg/L)	4.12	3.96	4.60					4.96
Dissolved Oxygen (%)	46.0	44.8	51.8					55.6
TDS (ppm)	887	739	763					686
Turbidity (NTU)	20.75	11.77	28.42					355
			Depth to Water at End of Purge (ft)	73.33		Drawdown (ft)	25.85	

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1030

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

47.48 + 0.2 * 25.85 = 52.65

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: 2-25-19	
Project/Location Malibu, CA Civic Center Area		Well Number: SMBRP-7B	
Observation Period Start: 0915 Stop: 1115		Survey Reference Point: TOC	
Sampled By: Peter Doran		Witnessed By: NICON.	

PURGING DATA

Type of Pump	HANDBAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	25.10
Initial/Static Depth to Water (ft)	9.05	Length of Water Column (ft)	16.05
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.5	Three Casing Volumes (gal)	7.70
Purge Time, Start	0920	Purge Time, Stop	0940
Total Purge Time (minutes)	20	Purge Rate (gpm)	0.4
Purge Volume (gal)	8.0	Depth to Water (ft) at Sampling	11.05

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.5	5.0	8.0				At Sampling
Temperature (C)	19.0	18.9	19.1	19.2				20.4
pH	7.17	7.30	7.00	6.99	SLOW READINGS			7.09
Conductivity (µS)	806	884	1386	1400				2747
Dissolved Oxygen (mg/L)	6.24	6.54	3.90	3.72				4.20
Dissolved Oxygen (%)	67.3	70.6	42.8	40.6				46.8
TDS (ppm)	523	880	902	911				1784
Turbidity (NTU)	145.8	120.2	166.8	160.2				52.1

Depth to Water at End of Purge (ft): 19.63 Drawdown (ft): 10.58

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1100

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.05 + 0.2 * 10.58 = 11.16

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	2.25.19
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP-9
Observation Period	Start: 1045 Stop: 1110	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico N.

PURGING DATA

Type of Pump	Hand Bail	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	45.02
Initial/Static Depth to Water (ft)	37.53	Length of Water Column (ft)	7.49
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.2	Three Casing Volumes (gal)	3.6
Purge Time, Start	1050	Purge Time, Stop	1105
Total Purge Time (minutes)	15	Purge Rate (gpm)	0.3
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling*	37.49

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	1.5	2.5	4.0				At Sampling
Temperature (C)	21.2	21.6	22.1	22.2				21.3
pH	7.08	7.14	7.14	7.14	SLOW RECHARGE			7.14
Conductivity (µS)	1853	1970	2086	2105				2062
Dissolved Oxygen (mg/L)	3.11	3.75	5.41	5.59				5.90
Dissolved Oxygen (%)	35.1	42.7	60.2	64.3				67.0
TDS (ppm)	1224	1291	1352	1366				1341
Turbidity (NTU)	10.6	51.62	216.42	384.60				123.6

Depth to Water at End of Purge (ft)	43.84	Drawdown (ft)	6.31

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	Cloudy

Comments: Sampled Time:* 0930 0945

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

37.53 + 0.2 * 6.31 = 38.79

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	2-25-19
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP -HH11
Observation Period	Start: 1230 Stop: 1300	Survey Reference Point:	(TOC)
Sampled By:	Peter Doran	Witnessed By:	

PURGING DATA

Type of Pump	~~Hand~~ Bat Elec SUB.	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	20.20
Initial/Static Depth to Water (ft)	7.74	Length of Water Column (ft)	12.46
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.0	Three Casing Volumes (gal)	6.0
Purge Time, Start	1235	Purge Time, Stop	1245
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.5
Purge Volume (gal)	5.0	Depth to Water (ft) at Sampling	7.7

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0	5.0				At Sampling
Temperature (C)	21.3	20.7	21.1	21.0				20.4
pH	6.93	7.07	7.05	7.05	WELL DEWATERED			7.22
Conductivity (µS)	2668	1672	1745	1761	@			1907
Dissolved Oxygen (mg/L)	3.52	2.93	3.61	3.70	5 GALLONS.			4.39
Dissolved Oxygen (%)	39.1	32.3	40.4	41.6				48.7
TDS (ppm)	1735	1087	1131	1145				1239
Turbidity (NTU)	167.9	61.2	261.9	463.2				99.8

Depth to Water at End of Purge (ft)	19.90	Drawdown (ft)	12.16

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Cloudy

Comments: Sampled Time: 1100

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.74 + 0.2 * 12.16 = 10.17

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: 2·26·19	
Project/Location Malibu, CA Civic Center Area		Well Number: SMBRP-12	
Observation Period Start: 1130 Stop: 1220		Survey Reference Point: TOC	
Sampled By: Peter Doran		Witnessed By: Nico N.	

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	24.9
Initial/Static Depth to Water (ft)	8.07	Length of Water Column (ft)	16.73
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.67	Three Casing Volumes (gal)	8.03
Purge Time, Start	1140	Purge Time, Stop	1200
Total Purge Time (minutes)	20	Purge Rate (gpm)	0.4
Purge Volume (gal)	8.5	Depth to Water (ft) at Sampling	8.07

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3.0	5.5	8.5				At Sampling
Temperature (C)	20.7	20.8	20.6	20.6				
pH	6.95	6.90	6.91	6.91				
Conductivity (µS)	2946	2597	2613	2657				
Dissolved Oxygen (mg/L)	3.32	2.63	2.70	2.71				
Dissolved Oxygen (%)	36.9	29.4	29.9	29.8				
TDS (ppm)	1914	1688	1698	1791				
Turbidity (NTU)	121.6	134.5	130.7	168.6				

Depth to Water at End of Purge (ft): 8.09 Drawdown (ft): 0.02

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1215

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.07 + 0.2 * 0.02 = 8.01

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	2/26/19
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP-13
Observation Period	Start: Stop:	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico N.

PURGING DATA

Type of Pump	Hand Bail	Pump Inlet Depth (ft)	-
Well Diameter (in)	2	Depth of Well (ft)	19.42
Initial/Static Depth to Water (ft)	9.70	Length of Water Column (ft)	9.72
Product Thickness (ft)	-	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.5	Three Casing Volumes (gal)	4.6
Purge Time, Start	1240	Purge Time, Stop	1250
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.5
Purge Volume (gal)	5	Depth to Water (ft) at Sampling	9.70

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	1.5	3.5	5.0				At Sampling
Temperature (C)	19.2	19.2	19.5	19.3				
pH	7.02	7.05	7.02	7.05				
Conductivity (µS)	3026	3057	4113	3939				
Dissolved Oxygen (mg/L)	5.22	5.17	3.23	4.80				
Dissolved Oxygen (%)	57.1	56.6	~~38~~ 35.5	52.8				
TDS (ppm)	1826	1986	2674	2560				
Turbidity (NTU)	363.1	311	70.38	452				

Depth to Water at End of Purge (ft)	9.90	Drawdown (ft)	0.2

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	(now:)
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	cloudy

Comments: Sampled Time: 1300

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.70 + 0.2 * 0.2 = 9.74

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 2.25.19
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW04S
Observation Period Start: 1115 Stop: 1150	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By:

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	19'
Well Diameter (in)	4	Depth of Well (ft)	20.40
Initial/Static Depth to Water (ft)	3.70	Length of Water Column (ft)	16.70
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	10.9	Three Casing Volumes (gal)	32.5
Purge Time, Start	1120	Purge Time, Stop	1140
Total Purge Time (minutes)	20	Purge Rate (gpm)	1.25
Purge Volume (gal)	25.0	Depth to Water (ft) at Sampling	3.92

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	11.0	22.0	25.0				At Sampling
Temperature (C)	22.7	22.8	22.1	22.0	WELL			20.5
pH	7.26	7.25	7.23	7.23	DEWATERED			7.25
Conductivity (µS)	6903	6984	6899	6891	@ 25 Gallons.			6907
Dissolved Oxygen (mg/L)	4.49	4.25	4.09	4.05				7.03
Dissolved Oxygen (%)	52.4	50.3	47.2	46.6				79.9
TDS (ppm)	4411	4541	4496	4481				4427
Turbidity (NTU)	50.28	9.71	5.85	4.35				8.20
			Depth to Water at End of Purge (ft)	18.96		Drawdown (ft)	15.26	

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1100 - 2.26.19

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

3.70 + 0.2 * 15.26 = 6.75

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 2.27.19
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP- MW04D
Observation Period Start: 1100 Stop: 1330	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: Nico Navarro

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	142
Well Diameter (in)	4	Depth of Well (ft)	145
Initial/Static Depth to Water (ft)	10.17	Length of Water Column (ft)	134.83
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	87.64	Three Casing Volumes (gal)	262.92
Purge Time, Start	1115	Purge Time, Stop	1255
Total Purge Time (minutes)	100	Purge Rate (gpm)	2.6
Purge Volume (gal)	263	Depth to Water (ft) at Sampling	10.17

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	88	175	263				At Sampling
Temperature (C)	19.5	19.5	19.7	19.7				
pH	7.24	7.13	7.10	7.10				
Conductivity (µS)	2135	2154	2158	2158				
Dissolved Oxygen (mg/L)	5.15	3.46	2.41	2.91				
Dissolved Oxygen (%)	55.5	37.9	26.7	32.0				
TDS (ppm)	1388	1400	1402	1403				
Turbidity (NTU)	6.83	3.45	0.96	1.68				

Depth to Water at End of Purge (ft): 10.37 | Drawdown (ft): 0.20

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1300

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

10.17 + 0.2 * 0.20 = 10.21

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 2.28.2019
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW05
Observation Period Start: 0925 Stop: 1145	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: Nico Navarro

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	152
Well Diameter (in)	4	Depth of Well (ft)	~~150~~ 154.5
Initial/Static Depth to Water (ft)	8.1	Length of Water Column (ft)	146.4
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	95.16	Three Casing Volumes (gal)	285.48
Purge Time, Start	0845	Purge Time, Stop	1115
Total Purge Time (minutes)	150	Purge Rate (gpm)	1.9
Purge Volume (gal)	285.5	Depth to Water (ft) at Sampling	8.12

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	95.5	190.5	285.5				At Sampling
Temperature (C)	~~95~~ 18.0	18.7	19.0	19.1				
pH	7.15	7.15	7.15	7.16				
Conductivity (µS)	1893	1893	2039	1945				
Dissolved Oxygen (mg/L)	3.40	3.05	2.55	2.50				
Dissolved Oxygen (%)	36.3	32.7	27.6	26.7				
TDS (ppm)	1231	1230	1824	1264				
Turbidity (NTU)	1.36	4.84	~~5~~5.35	3.32				

Depth to Water at End of Purge (ft): 8.38 Drawdown (ft): 0.28

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1125

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.10 + 0.2 * 0.28 = 8.15

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	2-27-19
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW06
Observation Period	Start: 0930 Stop: 0940	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico M.

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	120
Well Diameter (in)	2	Depth of Well (ft)	137.45
Initial/Static Depth to Water (ft)	10.37	Length of Water Column (ft)	127.08
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	20.3	Three Casing Volumes (gal)	60.99
Purge Time, Start	0850	Purge Time, Stop	0920
Total Purge Time (minutes)	30	Purge Rate (gpm)	2.0
Purge Volume (gal)	61.0	Depth to Water (ft) at Sampling	10.37

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	20.5	41.0	61.0				At Sampling
Temperature (C)	18.9	19.7	20.1	20.1				
pH	7.31	7.31	7.32	7.31				
Conductivity (µS)	1980	2052	2083	2089				
Dissolved Oxygen (mg/L)	3.16	3.19	3.07	3.05				
Dissolved Oxygen (%)	34.0	35.0	33.6	33.3				
TDS (ppm)	1289	1333	1353	1357				
Turbidity (NTU)	12.0	13.5	5.4	3.5				

Depth to Water at End of Purge (ft): 10.68 Drawdown (ft): 0.31

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 0930

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

_____ + 0.2 * 0.31 = _____

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: 2/26/2019	
Project/Location Malibu, CA Civic Center Area		Well Number: MCWP - MW075	
Observation Period Start: 0900 Stop: 1015		Survey Reference Point: TOC	
Sampled By: Peter Doran		Witnessed By: Nico Navarro	

PURGING DATA

Type of Pump	Hand bail	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	20
Initial/Static Depth to Water (ft)	4.85	Length of Water Column (ft)	20 - 4.85 = 15.15
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	15.15 x 0.16 = 2.42	Three Casing Volumes (gal)	15.15 x 0.16 x 3 = ~~2.42~~ = 7.27
Purge Time, Start	~~0955~~ 0930	Purge Time, Stop	0940
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.4
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling	4.90

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.5	4.0					At Sampling
Temperature (C)	19.2	19.1	well dewatered @ 4.0 Gallons					19.3
pH	7.43	7.43						7.33
Conductivity (µS)	1570	1864						1953
Dissolved Oxygen (mg/L)	6.16	6.00						5.96
Dissolved Oxygen (%)	66.9	65.2						65.0
TDS (ppm)	1215	1212						1205
Turbidity (NTU)	267	251						134

Depth to Water at End of Purge (ft): 19.36 Drawdown (ft): 14.51

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy.

Comments: Sampled Time: 1000

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

4.85 + 0.2 * 14.51 = 7.75

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 2·26·19
Project/Location Malibu, CA Civic Center Area	Well Number: M/CWP - MW07D
Observation Period Start: 0840 Stop: 0940	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By:

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	127
Well Diameter (in)	2	Depth of Well (ft)	129.45
Initial/Static Depth to Water (ft)	8.20	Length of Water Column (ft)	121.25
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.4	Three Casing Volumes (gal)	58.2
Purge Time, Start	0850	Purge Time, Stop	0920
Total Purge Time (minutes)	30	Purge Rate (gpm)	~~0.5~~ 2.0
Purge Volume (gal)	60.0	Depth to Water (ft) at Sampling	8.20

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	19.5	~~39.0~~	60.0				At Sampling
Temperature (C)	19.5	20.6	20.8	20.8				
pH	7.06	7.12	7.11	7.10				
Conductivity (µS)	3010	3047	3070	3076				
Dissolved Oxygen (mg/L)	2.67	2.97	2.22	2.19				
Dissolved Oxygen (%)	29.4	33.3	24.8	24.5				
TDS (ppm)	1955	1976	1992	1998				
Turbidity (NTU)	35.8	31.1	30.6	30.2				

Depth to Water at End of Purge (ft): 9.01 | Drawdown (ft): 0.81

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: Non-Hazardous Waste

Water Level Indicator: Solinst Model 101

Weather Conditions: Cloudy

Comments: Sampled Time: 0930

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.20 + 0.2 * 0.81 = 8.36

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 2-27-19
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW09
Observation Period Start: 1130 Stop: 1220	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: Nico N.

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	87'
Well Diameter (in)	2	Depth of Well (ft)	89.25
Initial/Static Depth to Water (ft)	6.60	Length of Water Column (ft)	82.65
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	13.2	Three Casing Volumes (gal)	39.7
Purge Time, Start	1140	Purge Time, Stop	1200
Total Purge Time (minutes)	20	Purge Rate (gpm)	2.0
Purge Volume (gal)	40.0	Depth to Water (ft) at Sampling	6.62

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13.5	26.5	40.0				At Sampling
Temperature (C)	20.8	21.1	21.1	21.1				
pH	7.35	7.36	7.34	7.39				
Conductivity (µS)	2919	2976	2978	3022				
Dissolved Oxygen (mg/L)	2.22	2.75	2.66	2.68				
Dissolved Oxygen (%)	24.9	30.8	29.7	30.0				
TDS (ppm)	1897	1934	1935	1965				
Turbidity (NTU)	13.8	10.4	8.8	3.8				
			Depth to Water at End of Purge (ft)	7.86		Drawdown (ft)	1.26	

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1215

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

6.60 + 0.2 * 1.26 = 6.85

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	2.27.19
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW1D
Observation Period	Start: 0950 Stop: 1020.	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico N.

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	22'
Well Diameter (in)	2	Depth of Well (ft)	22.20
Initial/Static Depth to Water (ft)	8.67	Length of Water Column (ft)	13.53
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.16	Three Casing Volumes (gal)	6.49
Purge Time, Start	0955	Purge Time, Stop	1002
Total Purge Time (minutes)	7	Purge Rate (gpm)	1.0
Purge Volume (gal)	6.5	Depth to Water (ft) at Sampling	8.65

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.5	4.5	6.5				At Sampling
Temperature (C)	20.9	21.2	21.2	21.3				
pH	7.04	7.00	7.02	7.05				
Conductivity (µS)	3016	3095	3098	3103				
Dissolved Oxygen (mg/L)	2.17	1.82	2.10	2.11				
Dissolved Oxygen (%)	24.2	21.2	23.8	24.1				
TDS (ppm)	1962	2008	2013	2017				
Turbidity (NTU)	45.6	23.8	16.2	8.8				

Depth to Water at End of Purge (ft)	8.79	Drawdown (ft)	0.12

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	Cloudy.

Comments: Sampled Time: 1015

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.67 + 0.2 * 0.12 = 8.69

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	2.23.19
Project/Location	Malibu, CA Civic Center Area	Well Number:	MBCMW-9
Observation Period	Start: 0945 Stop: 1015	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico N.

PURGING DATA

Type of Pump	Hand Bail	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	9.25
Initial/Static Depth to Water (ft)	5.40	Length of Water Column (ft)	3.85
Product Thickness (ft)	-	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	0.6	Three Casing Volumes (gal)	1.8
Purge Time, Start	0955	Purge Time, Stop	0900
Total Purge Time (minutes)	5	Purge Rate (gpm)	0.2
Purge Volume (gal)	0.75	Depth to Water (ft) at Sampling	5.40

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	0.75						At Sampling
Temperature (C)	17.8	17.9	WELL					17.7
pH	6.98	6.91	DEWATERED @					6.91
Conductivity (µS)	6440	6441	0.75					6764
Dissolved Oxygen (mg/L)	4.00	4.00	GALLONS.					~~6.84~~ 5.21
Dissolved Oxygen (%)	43.0	43.0						55.9
TDS (ppm)	4182	4197						4397
Turbidity (NTU)	515.6	506.1						66.9

Depth to Water at End of Purge (ft)	9.15	Drawdown (ft)	3.75

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good, OK

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1015

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.40 + 0.2 * 3.75 = 6.15

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 2.27.19
Project/Location Malibu, CA Civic Center Area	Well Number: CCPE
Observation Period Start: 1020 Stop: 1100	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: Nico Navarro

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	50'
Well Diameter (in)	2	Depth of Well (ft)	52
Initial/Static Depth to Water (ft)	11.6	Length of Water Column (ft)	40.4
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	6.46	Three Casing Volumes (gal)	19.39
Purge Time, Start	1030	Purge Time, Stop	1040
Total Purge Time (minutes)	10	Purge Rate (gpm)	2.0
Purge Volume (gal)	19.5	Depth to Water (ft) at Sampling	11.2

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	6.5	13	19.5				At Sampling
Temperature (C)	19.6	19.9	20.1	20.0				
pH	7.11	7.04	7.06	7.06				
Conductivity (µS)	1899	1850	1886	1894				
Dissolved Oxygen (mg/L)	2.29	2.18	2.94	2.97				
Dissolved Oxygen (%)	24.8	23.7	32.6	33.2				
TDS (ppm)	1227	1203	1227	1231				
Turbidity (NTU)	10.7	9.9	7.6	3.5				

Depth to Water at End of Purge (ft): 11.45 Drawdown (ft): —

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Cloudy

Comments: Sampled Time: 1050

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

~ + 0.2 * ~ = ~

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No:	Standard: / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 1	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants.	Name:	MALIBU (CIVIC) CIVIC CENTER
Report To:	PETER DOREAU	Number:	
Email:	pdoreau@rinconconsultants.com	P.O. #:	15-01597
Address:	78[illegible]	Address:	
	Ventura CA		
Phone:	805 644-4455	Global ID:	
Fax:		Sampled By:	PETER D. NICON.

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: SEE Bottles	Test Instructions / Comments
1	LAMW1-SS		1030	W	VARIOUS	VARIOUS	X	
2	SMBRP-9		0945				X	
3	SMBRP-11		1100				X	
4	SMBRP-12		1215				X	
5	SMBRP-13		1300				X	
6	MCWP-MW06S		1100				X	
7	MCWP-MW09		1215				X	
8	MCWP-MW07S		1000				X	
9	MCWP-MW07D		0930				X	
10								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doreau	Rincon / CON SO	2-26-19 / 1345
[1] Received By:		Heather Mac	Enthalpy	2-26-19 1314 S
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL, INC.
806 N. Batavia St., Orange, CA 92868
Phone: (714) 771-6900 Fax: (714)771-9933
Billing: Enthalpy - SoCal
c/o Montrose Environmental Group
1 Park Plaza, Suite 1000, Irvine, CA 92614

ENTHALPY analytical, inc.

Chain of Custody Record

Lab No:
Page: 1 of 1

Turn Around Time (Rush by advanced notice only)

Standard:		4 Day:		3 Day:	
2 Day:		1 Day:		Same Day:	

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	(SS) Malibu Civic Center
Report To:	Peter Doran	Number:	
Email:	pdoran@rinconconsultants.com	P.O. #:	15-01547
Address:	180 Altamead Ave	Address:	
Phone:	626 844 2400	Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: SVOCs	Test Instructions / Comments
1	N-001	2-26-19	1045	W	various	various	X	
2	N-002		1055				X	
3	N-003		1115				X	
4	N-004		1005				X	
5	L-001		1210				X	
6	L-002		1240				X	
7	L-003		1225				X	
8	L-004		1145				X	
9	L-005		1110				X	
10	L-006		1150				X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doran	Rincon / Env. Sci.	2-26-19 / 1345
[1] Received By:		Kathy Mu	Enthalpy	2-26-19 13:46
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

Malibu Civic Center Quartly Surface Water Sampling
Field Data Sheet

Date: 2/26/19 Sampled By: Jaime Mcclain / James Grunden

Jan-Mar Apr-Jun July-Sep Oct-Dec
(Circle appropriate)

Estuary (Circle appropriate)
Berm: open / closed

General Weather Conditions
65-80° F
Partly cloudy

General Wind Conditions
Light.

Daily Tides: **Low** Time: Feet: **High** Time: Feet:

Location	Time	Sea State	Water Clarity	Water Color	Odors	Floatables	Birds/ wildlife	Photos Taken
		calm	clear	clear	none	none	Type & # land, # water	Y/N
		rough	cloudy	red	rotten eggs	sheen		
			muddy	brown	sewage	oily		
			milky	yellow	chlorine	garbage		
				gray	ammonia	sewage		
N-001	1045	calm	clear	clear	none	none	none	Y
N-002	1055	"	"	"	"	"	"	Y
N-003	1115	"	"	"	"	"	"	Y
N-004	1005	CALM	Cloudy	Brown	~~A~~ none	organics	none	Y
L-001	1210	N/A	cloudy	clear/ brown	none	none	black phoebe	Y
L-002	1240	N/A	cloudy	brown	none	foam	mallet/ grackle	Y
L-003	1225	N/A	cloudy	brown	none	none	mallet	Y
L-004	1145	N/A	cloudy	brown	rotten eggs	none	none	Y
L-005	1110	calm	cloudy	clear/ brown	none	none	gulls	Y
L-006	1130	N/A	cloudy	brown	rotten eggs	none	none	Y

Malibu
Monthly Gauging Sheet 3/21/19

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	Time 3/21/19	Depth to Water	Well Head Deficiencies Comments
C-1	14.5	n/a	1304	7.62	
C-2	14.5	2	1309	6.33	
CCPE	52	2	1233	8.00	
CCPNE		2	1237	8.37	
CCPSW		2	1244	8.18	
CCW-4		1	1119	2.93	
GH6-M1	35	2	1005	27.61	
GH8-M3	40	2	1000	26.15	
GH9-M4	45	2	—	—	Buried
Lagoon	n/a	n/a	—	—	Inaccessible
LAMW-5S	74	4	1041	45.90	
M6-1	45	2	1025	5.76	
M6-2	20	2	1026	4.05	
M7-1	40	2	1021	6.36	
M7-2	25	2	1020	5.30	
MBCMW-5	19.4	n/a	1010	16.95	
MBCMW-6	64.26	n/a	NA	NA	
MBCMW-7	52.5	2	1110	11.25	
MBCMW-8	10	2	1112	5.70	
MBCMW-9	9	2	1130	5.30	
MBCMW-10	53	2	1131	8.51	
MCWP-MW01	148	6	1052	9.90	
MCWP-MW02	145	6	1322	12.10	
MCWP-MW03	134	6	1341	8.21	
MCWP-MW04D	145	4	1057	9.09	
MCWP-MW04S	20	4	1100	4.15	
MCWP-MW05	150	4	1125	7.55	
MCWP-MW06	137	2	1320	10.09	
MCWP-MW07D	134	2	1341	53.00	
MCWP-MW07S	20	2	1335	4.42	
MCWP-MW08	77	2	1409	41.75	
MCWP-MW09	89	2	1359	6.35	
MCWP-MW10	22	2	1255	8.07	
P-4	12.5	4	1226	6.91	
P-9	14.3	4	1230	7.21	
SMBRP-2	25	2	1213	8.72	
SMBRP-6	25	2	1148	14.86	
SMBRP-7b	25	2	1135	9.13	
SMBRP-8 (EG-RC MW01)	60	4	950	26.42	
SMBRP-9	45	2	940	37.02	
SMBRP-10C	25	2	1035	1.67	
SMBRP-11	20	2	1347	7.31	
SMBRP-12	25	2	1402	7.05	
SMBRP-13	20	2	1408	7.61	
SMBRP-15b	25	1	—	—	Dry
SMBRP-16	25	2	1105	1.8	

Collected by: Nico Navarro

* Also collected GPS coordinates of all wells w/ Trimble

Appendix B

Analytical Laboratory Reports

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly / Semi-Annual
Surface Water
15-01587

Lab Request: 412841
Report Date: 03/06/2019
Date Received: 02/26/2019
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
412841-001	N-001
412841-002	N-002
412841-003	N-003
412841-004	N-004
412841-005	L-001
412841-006	L-002
412841-007	L-003
412841-008	L-004
412841-009	L-005
412841-010	L-006

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 10:45 **Site:**
Sample #: **412841-001** **Client Sample #:** N-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/26/19 20:54	JP	
Nitrate, as Nitrogen	ND	1	0.012	0.1	mg/L	02/26/19	02/26/19 20:54	JP	
Nitrite, as Nitrogen	ND	200	3.6	20	mg/L	02/26/19	02/27/19 13:29	JP	D2
Method: EPA 351.2 Prep Method: Method							QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1211968
Total Phosphorous as P	**0.026**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.080**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**41**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 10:55 **Site:**
Sample #: **412841-002** **Client Sample #:** N-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/26/19 21:52	JP	
Nitrate, as Nitrogen	ND	1	0.012	0.1	mg/L	02/26/19	02/26/19 21:52	JP	
Nitrite, as Nitrogen	ND	200	3.6	20	mg/L	02/26/19	02/27/19 14:27	JP	D2
Method: EPA 351.2 Prep Method: Method							QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1211968
Total Phosphorous as P	**0.203**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.622**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**58**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 11:15 **Site:**
Sample #: **412841-003** **Client Sample #:** N-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/26/19 23:30	JP	
Nitrate, as Nitrogen	ND	1	0.012	0.1	mg/L	02/26/19	02/26/19 23:30	JP	
Nitrite, as Nitrogen	ND	200	3.6	20	mg/L	02/26/19	02/27/19 15:26	JP	D2
Method: EPA 351.2 Prep Method: Method							QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1211968
Total Phosphorous as P	ND	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	ND	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**280**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 10:05 **Site:**
Sample #: **412841-004** **Client Sample #:** N-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.12 J**	1	0.04	0.5	mg/L		03/06/19	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/26/19 23:49	JP	
Nitrate, as Nitrogen	ND	1	0.012	0.1	mg/L	02/26/19	02/26/19 23:49	JP	
Nitrite, as Nitrogen	ND	200	3.6	20	mg/L	02/26/19	02/27/19 16:14	JP	D2
Method: EPA 351.2 Prep Method: Method							QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	**0.120 J**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	J
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1211968
Total Phosphorous as P	ND	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	ND	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**650**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 12:10 **Site:**
Sample #: 412841-005 **Client Sample #:** L-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.49 J**	1	0.04	0.5	mg/L		03/06/19	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1211761		
Nitrate + Nitrite, as Nitrogen	**4.73**	1	0.018	0.1	mg/L	02/26/19	02/27/19 00:09	JP	
Nitrate, as Nitrogen	**4.73**	1	0.012	0.1	mg/L	02/26/19	02/27/19 00:09	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 00:09	JP	
Method: EPA 351.2 Prep Method: Method							QCBatchID: QC1211990		
Total Kjeldahl Nitrogen	**0.493**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1211896		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1211968		
Total Phosphorous as P	**0.493**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.512**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1211756		
Fecal Coliform	**63**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 12:40 **Site:**
Sample #: 412841-006 **Client Sample #:** L-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.30 J**	1	0.04	0.5	mg/L		03/06/19	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1211761		
Nitrate + Nitrite, as Nitrogen	**4.40**	1	0.018	0.1	mg/L	02/26/19	02/27/19 00:28	JP	
Nitrate, as Nitrogen	**4.40**	1	0.012	0.1	mg/L	02/26/19	02/27/19 00:28	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 00:28	JP	
Method: EPA 351.2 Prep Method: Method							QCBatchID: QC1211990		
Total Kjeldahl Nitrogen	**0.299 J**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	J
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1211896		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1211968		
Total Phosphorous as P	**0.424**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.300**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1211756		
Fecal Coliform	**64**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 12:25 **Site:**
Sample #: 412841-007 **Client Sample #:** L-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.79**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	**3.45**	1	0.018	0.1	mg/L	02/26/19	02/27/19 00:48	JP	
Nitrate, as Nitrogen	**3.45**	1	0.012	0.1	mg/L	02/26/19	02/27/19 00:48	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 00:48	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	**0.790**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211968
Total Phosphorous as P	**0.425**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.300**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**30**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 11:45 **Site:**
Sample #: 412841-008 **Client Sample #:** L-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.54**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	**4.04**	1	0.018	0.1	mg/L	02/26/19	02/27/19 01:07	JP	
Nitrate, as Nitrogen	**4.04**	1	0.012	0.1	mg/L	02/26/19	02/27/19 01:07	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 01:07	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	**0.542**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211968
Total Phosphorous as P	**0.468**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.435**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**88**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 11:10 **Site:**
Sample #: 412841-009 **Client Sample #:** L-005 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.59**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	**3.43**	1	0.018	0.1	mg/L	02/26/19	02/27/19 01:27	JP	
Nitrate, as Nitrogen	**3.43**	1	0.012	0.1	mg/L	02/26/19	02/27/19 01:27	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 01:27	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	**0.587**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211968
Total Phosphorous as P	**0.343**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.052**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**260**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/26/2019 11:30 **Site:**
Sample #: 412841-010 **Client Sample #:** L-006 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**3.10**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	**0.05 J**	1	0.018	0.1	mg/L	02/26/19	02/27/19 01:46	JP	J
Nitrate, as Nitrogen	**0.05 J**	1	0.012	0.1	mg/L	02/26/19	02/27/19 01:46	JP	J
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 01:46	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211990
Total Kjeldahl Nitrogen	**3.1**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211968
Total Phosphorous as P	**0.460**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.410**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**210**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

QCBatchID: QC1211761 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 02/26/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211761MB1					
Chloride	**0.9 J**	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	**0.2 J**	mg/L	0.077	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211761LCS1											
Chloride	100		102		mg/L	102			90-110		
Nitrate, as Nitrogen	9.03		8.96		mg/L	99			90-110		
Nitrite, as Nitrogen	9.15		9.48		mg/L	104			90-110		
Sulfate	50		49.0		mg/L	98			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211761MS1, QC1211761MSD1												**Source: 412841-001**
Chloride	18700	20000	20000	38000	37400	mg/L	97	94	1.6	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	7.75	8.48	mg/L	86	94	9.0	80-120	20	
Nitrite, as Nitrogen	ND	1830	1830	2150	2070	mg/L	117	113	3.8	80-120	20	
Sulfate	2560	10000	10000	12900	12200	mg/L	103	96	5.6	80-120	20	
QC1211761MS2, QC1211761MSD2												**Source: 412841-002**
Chloride	18900	20000	20000	39700	37700	mg/L	104	94	5.2	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	8.48	8.54	mg/L	94	95	0.7	80-120	20	
Nitrite, as Nitrogen	ND	1830	1830	2320	2220	mg/L	127	121	4.4	80-120	20	M
Sulfate	2520	10000	10000	11900	12000	mg/L	94	95	0.8	80-120	20	

QCBatchID: QC1211896 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 03/01/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211896MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211896LCS1											
Ammonia, as Nitrogen	5		5.19		mg/L	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211896MS1, QC1211896MSD1												**Source: 412841-001**
Ammonia, as Nitrogen	ND	5	5	4.71	4.71	mg/L	94	94	0.0	80-120	20	

QCBatchID: QC1211968 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 03/04/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211968MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211968LCS1											
Total Phosphorous as P	0.4		0.409		mg/L	102			80-120		
Total Phosphorous as PO4	1.23		1.254		mg/L	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211968MS1, QC1211968MSD1												**Source: 412841-001**
Total Phosphorous as P	0.026	0.4	0.4	0.404	0.401	mg/L	95	94	0.7	75-125	20	
Total Phosphorous as PO4	0.080	1.23	1.23	1.239	1.229	mg/L	94	93	0.8	75-125	20	

QCBatchID: QC1211990 **Analyst:** trinh **Method:** EPA 351.2

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211990MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211990LCS1											
Total Kjeldahl Nitrogen	2.5		2.5		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211990MS1, QC1211990MSD1												**Source: 412841-002**
Total Kjeldahl Nitrogen	ND	12.5	12.5	12	10	mg/L	96	80	18.2	80-120	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 412841	Standard: ☐ 4 Day: ☐ 3 Day: ☐
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 1	2 Day: ☐ 1 Day: ☐ Same Day: ☐
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants.	Name:	Malibu (35) Civic Center
Report To:	Peter Doran	Number:	
Email:	pdoran@RinconConsultants.com	P.O. #:	15-01597
Address:	180 Ashwood Ave	Address:	
Phone:	805.6444455	Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: See Bottles	Test Instructions / Comments
1	N-001	2-26-19	1045	W	Various.	Various	X	
2	N-002		1055				X	
3	N-003		1115				X	
4	N-004		1005				X	
5	L-001		1210				X	
6	L-002		1240				X	
7	L-003		1225				X	
8	L-004		1145				X	
9	L-005		1110				X	
10	L-006		1130				X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doran	Rincon / Env. Sci.	2-26-19 / 1345
[1] Received By:		Kelly Trapp	Enthalpy	2-26-19 13:46
[2] Relinquished By:		Kelly Trapp	"	2-26-19 16:05
[2] Received By:		Juan Portillo	EA/GL	2/26/19 1605
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants

Project: Malibu- (SS) Civic Center

Date Received: 2/26/19

Sampler's Name Present: ☑ Yes ☑ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 7.2 #2: 6.1 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.6 #2: 2.7 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 2/26/19

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868		Lab No: 412841				Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209		Page:	1	of	1	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 300.0: NO2, NO3	TKN; NH3; Phosphorus, Organic Nitrogen								Test Instructions / Comments
	N-001						X	X	X								
	N-002						X	X	X								
	N-003						X	X	X								
	N-004						X	X	X								
	L-001						X	X	X								
	L-002						X	X	X								
	L-003						X	X	X								
	L-004						X	X	X								
	L-005						X	X	X								
	L-006						X	X	X								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:				
[1] Received By:				
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly / Semi-Annual
Ground Water
15-01587

Lab Request: 412842
Report Date: 03/07/2019
Date Received: 02/26/2019
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
412842-001	LAMW-5S
412842-002	SMBRP-9
412842-003	SMBRP-11
412842-004	SMBRP-12
412842-005	SMBRP-13
412842-006	MCWP-MW04S
412842-007	MCWP-MW09
412842-008	MCWP-MW07S
412842-009	MCWP-MW07D

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

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Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 10:30	**Site:**			
Sample #:	**412842-001**	**Client Sample #:**	LAMW-5S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.06 J**	1	0.04	0.5	mg/L		03/06/19	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**14.3**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1211931
Total Oil and Grease	ND	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1211847
Boron	**0.234**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Chloride	**100**	1	0.086	1	mg/L	02/26/19	02/27/19 02:45	JP	
Nitrate + Nitrite, as Nitrogen	**14.2**	1	0.018	0.1	mg/L	02/26/19	02/27/19 02:45	JP	
Nitrate, as Nitrogen	**14.2**	1	0.012	0.1	mg/L	02/26/19	02/27/19 02:45	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 02:45	JP	
Sulfate	**131**	10	0.77	10	mg/L	02/26/19	02/27/19 16:34	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.059 J**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	J
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1211806
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1211808
Turbidity	**46**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1211807
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211869
Total Dissolved Solids	**626**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1211905
Total Suspended Solids	**50.3**	1.54	0.77	0.77	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1211772
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1211946
pH	**6.84**	1			pH Units	02/27/19 00:00	02/27/19 10:30	CM	T2
Temp. at Time of pH Measurement	**8.5**	1			°C	02/27/19 00:00	02/27/19 10:30	CM	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211974
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**3.88**	5	0.05	0.1	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**11.9**	5	0.15	0.3	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1211831
BOD	ND	1	1.5	3	mg/L	02/27/19	02/27/19 10:30	CM	
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1212027
Total Organic Carbon (TOC)	**1.34**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1211833
MBAS	**0.17**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 09:45	**Site:**			
Sample #:	**412842-002**	**Client Sample #:**	SMBRP-9	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.61**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**2.57**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1211931
Total Oil and Grease	ND	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1211847
Boron	**0.550**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Chloride	**116**	1	0.086	1	mg/L	02/26/19	02/27/19 03:04	JP	
Nitrate + Nitrite, as Nitrogen	**1.96**	1	0.018	0.1	mg/L	02/26/19	02/27/19 03:04	JP	
Nitrate, as Nitrogen	**1.96**	1	0.012	0.1	mg/L	02/26/19	02/27/19 03:04	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 03:04	JP	
Sulfate	**234**	10	0.77	10	mg/L	02/26/19	02/27/19 16:53	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.612**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1211806
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1211808
Turbidity	**160**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1211807
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211869
Total Dissolved Solids	**1330**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1211905
Total Suspended Solids	**90.2**	2	1	1	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1211772
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1211946
pH	**7.04**	1			pH Units	02/27/19 00:00	02/27/19 10:32	CM	T2
Temp. at Time of pH Measurement	**8.3**	1			°C	02/27/19 00:00	02/27/19 10:32	CM	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211974
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**0.019 J**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	J
Total Phosphorous as PO4	**0.058 J**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	J
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1211831
BOD	**2 J**	1	1.5	3	mg/L	02/27/19	02/27/19 10:32	CM	J,BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1212027
Total Organic Carbon (TOC)	**1.46**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1211833
MBAS	**0.069**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**730**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 11:00	**Site:**			
Sample #:	**412842-003**	**Client Sample #:**	SMBRP-11	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.68**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**9.22**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1211931
Total Oil and Grease	**2.8 J**	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	J
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1211847
Boron	**0.531**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Chloride	**205**	10	0.86	10	mg/L	02/26/19	02/27/19 17:52	JP	
Nitrate + Nitrite, as Nitrogen	**7.62**	1	0.018	0.1	mg/L	02/26/19	02/27/19 03:24	JP	
Nitrate, as Nitrogen	**7.62**	1	0.012	0.1	mg/L	02/26/19	02/27/19 03:24	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 03:24	JP	
Sulfate	**252**	10	0.77	10	mg/L	02/26/19	02/27/19 17:52	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**1.6**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1211806
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1211808
Turbidity	**150**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1211807
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211869
Total Dissolved Solids	**1070**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1211905
Total Suspended Solids	**351**	6.67	3.335	3.335	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1211772
Chlorine, Total Residual	**0.18**	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1211946
pH	**6.84**	1			pH Units	02/27/19 00:00	02/27/19 10:34	CM	T2
Temp. at Time of pH Measurement	**8.0**	1			°C	02/27/19 00:00	02/27/19 10:34	CM	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211974
Ammonia, as Nitrogen	**0.915**	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**0.036**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.110**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1211831
BOD	**9**	1	1.5	3	mg/L	02/27/19	02/27/19 10:34	CM	BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1212027
Total Organic Carbon (TOC)	**5.88**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1211833
MBAS	**0.074**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**520**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 12:15	**Site:**			
Sample #:	**412842-004**	**Client Sample #:**	SMBRP-12	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.60**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**13.1**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A Prep Method: Method							QCBatchID:		QC1211931
Total Oil and Grease	ND	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1211847
Boron	**0.774**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1211761
Chloride	**338**	10	0.86	10	mg/L	02/26/19	02/27/19 18:11	JP	
Nitrate + Nitrite, as Nitrogen	**0.09 J**	1	0.018	0.1	mg/L	02/26/19	02/27/19 03:43	JP	J
Nitrate, as Nitrogen	**0.09 J**	1	0.012	0.1	mg/L	02/26/19	02/27/19 03:43	JP	J
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 03:43	JP	
Sulfate	**381**	10	0.77	10	mg/L	02/26/19	02/27/19 18:11	JP	
Method: EPA 351.2 Prep Method: Method							QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**13**	5	0.26	2	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B Prep Method: Method							QCBatchID:		QC1211806
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B Prep Method: Method							QCBatchID:		QC1211808
Turbidity	**230**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B Prep Method: Method							QCBatchID:		QC1211807
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1211869
Total Dissolved Solids	**1690**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D Prep Method: SM 2540-D							QCBatchID:		QC1211905
Total Suspended Solids	**308**	6.67	3.335	3.335	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl Prep Method: Method							QCBatchID:		QC1211772
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1211946
pH	**6.88**	1			pH Units	02/27/19 00:00	02/27/19 10:36	CM	T2
Temp. at Time of pH Measurement	**8.1**	1			°C	02/27/19 00:00	02/27/19 10:36	CM	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1211974
Ammonia, as Nitrogen	**11.4**	5	0.05	0.5	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1211969
Total Phosphorous as P	**0.334**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.020**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B Prep Method: Method/5day							QCBatchID:		QC1211831
BOD	**2 J**	1	1.5	3	mg/L	02/27/19	02/27/19 10:36	CM	J
Method: SM 5310B Prep Method: Method							QCBatchID:		QC1212027
Total Organic Carbon (TOC)	**4.95**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C Prep Method: Method							QCBatchID:		QC1211833
MBAS	**0.33**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1211756
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**51**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 13:00	**Site:**			
Sample #:	**412842-005**	**Client Sample #:**	SMBRP-13	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.48 J**	1	0.04	0.5	mg/L		03/06/19	SLL	J
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Nitrate + Nitrite, as Nitrogen	**0.11**	1	0.018	0.1	mg/L	02/26/19	02/27/19 04:03	JP	
Nitrate, as Nitrogen	**0.11**	1	0.012	0.1	mg/L	02/26/19	02/27/19 04:03	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 04:03	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.867**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211869
Total Dissolved Solids	**2530**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211974
Ammonia, as Nitrogen	**0.392**	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**2.38**	5	0.05	0.1	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**7.30**	5	0.15	0.3	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**4.1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**14**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 11:00	**Site:**			
Sample #:	**412842-006**	**Client Sample #:**	MCWP-MW04S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.94**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**4.55**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A Prep Method: Method							QCBatchID: QC1211931		
Total Oil and Grease	ND	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID: QC1211847		
Boron	**1.64**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1211761		
Chloride	**877**	50	4.3	50	mg/L	02/26/19	02/28/19 16:00	JP	
Nitrate + Nitrite, as Nitrogen	**3.61**	1	0.018	0.1	mg/L	02/26/19	02/27/19 04:22	JP	
Nitrate, as Nitrogen	**3.61**	1	0.012	0.1	mg/L	02/26/19	02/27/19 04:22	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 04:22	JP	
Sulfate	**2620**	50	3.85	50	mg/L	02/26/19	02/28/19 16:00	JP	
Method: EPA 351.2 Prep Method: Method							QCBatchID: QC1211991		
Total Kjeldahl Nitrogen	**0.939**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B Prep Method: Method							QCBatchID: QC1211806		
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B Prep Method: Method							QCBatchID: QC1211808		
Turbidity	**3.5**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B Prep Method: Method							QCBatchID: QC1211807		
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1211869		
Total Dissolved Solids	**5930**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D Prep Method: SM 2540-D							QCBatchID: QC1211905		
Total Suspended Solids	**1.1**	1.11	0.555	0.555	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl Prep Method: Method							QCBatchID: QC1211772		
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B Prep Method: Method							QCBatchID: QC1211946		
pH	**7.19**	1			pH Units	02/27/19 00:00	02/27/19 10:38	CM	T2
Temp. at Time of pH Measurement	**8.1**	1			°C	02/27/19 00:00	02/27/19 10:38	CM	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1211974		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1211969		
Total Phosphorous as P	**0.378**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.159**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B Prep Method: Method/5day							QCBatchID: QC1211831		
BOD	**7**	1	1.5	3	mg/L	02/27/19	02/27/19 10:38	CM	BQ1
Method: SM 5310B Prep Method: Method							QCBatchID: QC1212027		
Total Organic Carbon (TOC)	**15.6**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C Prep Method: Method							QCBatchID: QC1211833		
MBAS	**0.097**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1211756		
Fecal Coliform	**<1**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**16**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 12:15	**Site:**			
Sample #:	**412842-007**	**Client Sample #:**	MCWP-MW09	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.17 J**	1	0.04	0.5	mg/L		03/06/19	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**2.09**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1211931
Total Oil and Grease	**3.8 J**	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	J
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1211847
Boron	**0.703**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Chloride	**408**	10	0.86	10	mg/L	02/26/19	02/27/19 19:10	JP	
Nitrate + Nitrite, as Nitrogen	**1.20**	1	0.018	0.1	mg/L	02/26/19	02/27/19 04:42	JP	
Nitrate, as Nitrogen	**1.20**	1	0.012	0.1	mg/L	02/26/19	02/27/19 04:42	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 04:42	JP	
Sulfate	**463**	10	0.77	10	mg/L	02/26/19	02/27/19 19:10	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.886**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1211806
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1211808
Turbidity	**5.6**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1211807
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211869
Total Dissolved Solids	**1800**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1211905
Total Suspended Solids	**5.6**	1.11	0.555	0.555	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1211772
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1211946
pH	**7.39**	1			pH Units	02/27/19 00:00	02/27/19 10:40	CM	T2
Temp. at Time of pH Measurement	**8.4**	1			°C	02/27/19 00:00	02/27/19 10:40	CM	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211974
Ammonia, as Nitrogen	**0.713**	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**0.321**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.984**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1211831
BOD	**7**	1	1.5	3	mg/L	02/27/19	02/27/19 10:40	CM	BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1212027
Total Organic Carbon (TOC)	**5.58**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1211833
MBAS	**0.54**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**1.0**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**64**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 10:00	**Site:**			
Sample #:	**412842-008**	**Client Sample #:**	MCWP-MW07S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.69**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**5.18**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1211931
Total Oil and Grease	**4.2 J**	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	J
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1211847
Boron	**0.352**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Chloride	**181**	10	0.86	10	mg/L	02/26/19	02/27/19 19:29	JP	
Nitrate + Nitrite, as Nitrogen	**4.47**	1	0.018	0.1	mg/L	02/26/19	02/27/19 05:01	JP	
Nitrate, as Nitrogen	**4.47**	1	0.012	0.1	mg/L	02/26/19	02/27/19 05:01	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 05:01	JP	
Sulfate	**249**	10	0.77	10	mg/L	02/26/19	02/27/19 19:29	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.707**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1211806
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1211808
Turbidity	**150**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1211807
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211869
Total Dissolved Solids	**1150**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1211905
Total Suspended Solids	**336**	10	5	5	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1211772
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1211946
pH	**7.31**	1			pH Units	02/27/19 00:00	02/27/19 10:42	CM	T2
Temp. at Time of pH Measurement	**8.7**	1			°C	02/27/19 00:00	02/27/19 10:42	CM	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211974
Ammonia, as Nitrogen	**0.015 J**	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	J
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**0.351**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.076**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1211831
BOD	**10**	1	1.5	3	mg/L	02/27/19	02/27/19 10:42	CM	BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1212027
Total Organic Carbon (TOC)	**4.20**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1211833
MBAS	**0.12**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**11**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**550**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/26/2019 09:30	**Site:**			
Sample #:	**412842-009**	**Client Sample #:**	MCWP-MW07D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.84**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**1.59**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1211931
Total Oil and Grease	**3.6 J**	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	J
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1211847
Boron	**0.094**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211761
Chloride	**18.4**	1	0.086	1	mg/L	02/26/19	02/27/19 19:49	JP	
Nitrate + Nitrite, as Nitrogen	**0.75**	1	0.018	0.1	mg/L	02/26/19	02/27/19 05:21	JP	
Nitrate, as Nitrogen	**0.75**	1	0.012	0.1	mg/L	02/26/19	02/27/19 05:21	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/26/19	02/27/19 05:21	JP	
Sulfate	**47.6**	1	0.077	1	mg/L	02/26/19	02/27/19 05:21	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.837**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1211806
Color	ND	1	5	5	Color Unit		02/26/19 19:15	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1211808
Turbidity	**130**	1	0.074	0.1	NTU		02/26/19 19:15	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1211807
Odor Threshold	ND	1	1	1	T.O.N		02/26/19 19:15	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211869
Total Dissolved Solids	**238**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1211905
Total Suspended Solids	**166**	5	2.5	2.5	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1211772
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		02/26/19 19:23	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1211946
pH	**7.32**	1			pH Units	02/27/19 00:00	02/27/19 10:45	CM	T2
Temp. at Time of pH Measurement	**9.3**	1			°C	02/27/19 00:00	02/27/19 10:45	CM	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211974
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**0.290**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.889**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1211831
BOD	**27**	1	1.5	3	mg/L	02/27/19	02/27/19 10:45	CM	BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1212027
Total Organic Carbon (TOC)	**11.1**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1211833
MBAS	**13**	12.5	0.0875	0.5	mg/L	02/27/19 16:00	02/27/19 21:59	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211756
Fecal Coliform	**50**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	
Total Coliform	**>2400**	1			MPN/100ml	02/26/19 16:57	02/27/19	SEM	

QCBatchID: QC1211761 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 02/26/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211761MB1					
Chloride	**0.9 J**	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	**0.2 J**	mg/L	0.077	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211761LCS1											
Chloride	100		102		mg/L	102			90-110		
Nitrate, as Nitrogen	9.03		8.96		mg/L	99			90-110		
Nitrite, as Nitrogen	9.15		9.48		mg/L	104			90-110		
Sulfate	50		49.0		mg/L	98			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211761MS1, QC1211761MSD1												**Source: 412841-001**
Chloride	18700	20000	20000	38000	37400	mg/L	97	94	1.6	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	7.75	8.48	mg/L	86	94	9.0	80-120	20	
Nitrite, as Nitrogen	ND	1830	1830	2150	2070	mg/L	117	113	3.8	80-120	20	
Sulfate	2560	10000	10000	12900	12200	mg/L	103	96	5.6	80-120	20	
QC1211761MS2, QC1211761MSD2												**Source: 412841-002**
Chloride	18900	20000	20000	39700	37700	mg/L	104	94	5.2	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	8.48	8.54	mg/L	94	95	0.7	80-120	20	
Nitrite, as Nitrogen	ND	1830	1830	2320	2220	mg/L	127	121	4.4	80-120	20	M
Sulfate	2520	10000	10000	11900	12000	mg/L	94	95	0.8	80-120	20	

QCBatchID: QC1211772 **Analyst:** wei **Method:** SM 4500-Cl

Matrix: Water **Analyzed:** 02/26/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211772MB1					
Chlorine, Total Residual	ND	mg/L	0.016	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211772LCS1											
Chlorine, Total Residual	1		0.99		mg/L	99			80-120		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211772DUP1						**Source: 412842-004**
Chlorine, Total Residual	ND	ND	mg/L	0.0	20	

QCBatchID:	**QC1211806**	**Analyst:**	wei	**Method:**	SM 2120-B
Matrix:	Water	**Analyzed:**	02/26/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211806DUP1						**Source: 412842-009**
Color	ND	ND	Color Unit	0.0	20	

QCBatchID:	**QC1211807**	**Analyst:**	wei	**Method:**	SM 2150-B
Matrix:	Water	**Analyzed:**	02/26/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211807DUP1						**Source: 412842-009**
Odor Threshold	ND	ND	T.O.N	0.0	20	

QCBatchID:	**QC1211808**	**Analyst:**	wei	**Method:**	SM 2130-B
Matrix:	Water	**Analyzed:**	02/26/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211808DUP1						**Source: 412842-009**
Turbidity	130	130	NTU	0.0	20	

QCBatchID: QC1211831	**Analyst:** wei		**Method:** SM 5210-B		
Matrix: Water	**Analyzed:** 02/27/2019		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211831MB1					
BOD	ND	mg/L	1.5	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211831LCS1											
BOD	198		175		mg/L	88			84.6-115.4		

QCBatchID: QC1211833 **Analyst:** wei **Method:** SM 5540-C

Matrix: Water **Analyzed:** 02/27/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211833MB1					
MBAS	ND	mg/L	0.007	0.04	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211833LCS1											
MBAS	1		0.99		mg/L	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211833MS1, QC1211833MSD1												**Source: 412871-001**
MBAS	0.019	1	1	0.95	0.93	mg/L	93	91	2.1	75-125	20	

QCBatchID: QC1211847 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 02/28/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211847MB1					
Boron	**0.039 J**	mg/L	0.03	0.05	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Copper	ND	mg/L	0.004	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.01	
Selenium	**0.018 J**	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211847LCS1											
Boron	2		1.98		mg/L	99			85-115		
Cadmium	2		1.89		mg/L	95			85-115		
Chromium	2		1.97		mg/L	99			85-115		
Copper	2		1.95		mg/L	98			85-115		
Lead	2		1.80		mg/L	90			85-115		
Molybdenum	2		1.96		mg/L	98			85-115		
Nickel	2		1.83		mg/L	92			85-115		
Selenium	2		1.83		mg/L	92			85-115		
Silver	2		1.82		mg/L	91			85-115		
Zinc	2		1.89		mg/L	95			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211847MS1												**Source: 412803-001**
Boron	0.573	1		1.54		mg/L	97			75-125		
Cadmium	0.037	1		0.969		mg/L	93			75-125		
Chromium	0.011	1		0.963		mg/L	95			75-125		
Copper	0.005	1		0.993		mg/L	99			75-125		
Lead	ND	1		0.839		mg/L	84			75-125		
Molybdenum	0.020	1		0.963		mg/L	94			75-125		
Nickel	0.006	1		0.882		mg/L	88			75-125		
Selenium	ND	1		0.893		mg/L	89			75-125		
Silver	0.004	1		0.892		mg/L	89			75-125		
Zinc	0.026	1		0.952		mg/L	93			75-125		
QC1211847MS2												**Source: 412803-004**
Boron	0.494	1		1.50		mg/L	101			75-125		
Cadmium	0.169	1		1.11		mg/L	94			75-125		
Chromium	0.011	1		0.975		mg/L	96			75-125		
Copper	0.006	1		0.992		mg/L	99			75-125		
Lead	ND	1		0.844		mg/L	84			75-125		
Molybdenum	0.020	1		0.969		mg/L	95			75-125		
Nickel	0.012	1		0.936		mg/L	92			75-125		
Selenium	ND	1		0.868		mg/L	87			75-125		
Silver	ND	1		1.11		mg/L	111			75-125		
Zinc	0.013	1		0.938		mg/L	93			75-125		

QCBatchID: QC1211869 **Analyst:** wei **Method:** SM 2540-C

Matrix: Water **Analyzed:** 03/01/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211869MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211869LCS1											
Total Dissolved Solids	1000		1010		mg/L	101			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211869DUP1						**Source: 412842-006**
Total Dissolved Solids	5930	6140	mg/L	3.5	5	

QCBatchID: QC1211905	**Analyst:** Echavez		**Method:** SM 2540-D		
Matrix: Water	**Analyzed:** 02/28/2019		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211905MB1					
Total Suspended Solids	ND	mg/L	0.5	0.5	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211905DUP1						**Source: 412842-009**
Total Suspended Solids	166	167	mg/L	0.6	5	

QCBatchID: QC1211931 **Analyst:** trinh **Method:** EPA 1664A

Matrix: Water **Analyzed:** 03/04/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211931MB1					
Non-Polar Oil and Grease	ND	mg/L	0.8	5	
Total Oil and Grease	ND	mg/L	1.4	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1211931LCS1, QC1211931LCSD1											
Non-Polar Oil and Grease	20	20	18.3	20.1	mg/L	92	101	9	64-132	34	
Total Oil and Grease	40	40	38.5	44.9	mg/L	96	112	15	78-114	18	

QCBatchID:	**QC1211946**	**Analyst:**	Echavez	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	03/04/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211946DUP1						**Source: 412842-001**
pH	6.84	6.84	pH Units	0.0	20	
Temp. at Time of pH Measurement	8.5	8.5	°C	0.0	20	

QCBatchID: QC1211969 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 03/04/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211969MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211969LCS1											
Total Phosphorous as P	0.4		0.404		mg/L	101			80-120		
Total Phosphorous as PO4	1.23		1.239		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211969MS1, QC1211969MSD1												**Source: 412876-001**
Total Phosphorous as P	0.024	0.8	0.8	0.892	0.896	mg/L	109	109	0.4	75-125	20	
Total Phosphorous as PO4	0.074	2.46	2.46	2.74	2.75	mg/L	108	109	0.4	75-125	20	

QCBatchID: QC1211974 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211974MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211974LCS1											
Ammonia, as Nitrogen	5		4.73		mg/L	95			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211974MS1, QC1211974MSD1												**Source: 412871-001**
Ammonia, as Nitrogen	ND	5	5	3.86	3.85	mg/L	77	77	0.3	80-120	20	M

QCBatchID: QC1211991 **Analyst:** trinh **Method:** EPA 351.2

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211991MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991LCS1											
Total Kjeldahl Nitrogen	2.5		2.6		mg/L	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991MS1, QC1211991MSD1												**Source: 412842-006**
Total Kjeldahl Nitrogen	0.939	12.5	12.5	15	15	mg/L	112	112	0.0	80-120	20	

QCBatchID: QC1212027 **Analyst:** trinh **Method:** SM 5310B

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212027MB1					
Total Organic Carbon (TOC)	ND	mg/L	0.091	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1212027LCS1											
Total Organic Carbon (TOC)	10		10.1		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1212027MS1, QC1212027MSD1												**Source: 412871-001**
Total Organic Carbon (TOC)	1.20	20	20	21.5	24.6	mg/L	102	117	13.4	80-120	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 412042	Standard: ✓ / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 1	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants,	Name:	Malibu (GW) Civic Center
Report To:	Peter Doran	Number:	
Email:	pdoran@rinconconsultants.com	P.O. #:	15-01597
Address:	128 N Ashwood	Address:	
	Ventura CA		
Phone:	805-644-4455	Global ID:	
Fax:		Sampled By:	Peter D. Nicon.

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: SEE BOTTLES	Test Instructions / Comments
1	LAMW-5S		1030	W	VARIOUS	VARIOUS	X	
2	SMBRP-9		0945				X	
3	SMBRP-11		1100				X	
4	SMBRP-12		1215				X	
5	SMBRP-13		1300				X	
6	MCWP-MW04S		1100				X	
7	MCWP-MW09		1215				X	
8	MCWP-MW07S		1000				X	
9	MCWP-MW07D		0930				X	
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Peter Doran	Rincon / Env. Sci	2.26.19 / 1345
1 Received By:		Hao Nan	Enthalpy	2-26-19 1346
2 Relinquished By:		Hao Nan	"	2-26-19 1605
2 Received By:		Zaid Padilla	ENTH	2/26/19 1605
3 Relinquished By:				
3 Received By:				

2.21.6 6.1.2.7

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants

Project: Malibu- (GW) Civic Center

Date Received: 2/26/19

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 7.2 #2: 6.1 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.6 #2: 2.7 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 2/26/19

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 412842	Standard: X | 4 Day: | 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1 of 1	2 Day: | 1 Day: | Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 200.7 (B)	EPA 300.0: Cl,NO2,NO3,SO4	TKN; NH3; Phosphorus	SM 5310C TOC; BOD; TSS; TDS	pH; Residual Cl; MBAS; Turbidity; Color; Odor	EPA 1664A Oil & Grease	Organic Nitrogen, Total Nitrogen			Test Instructions / Comments
	LAMW-5S						X	X	X	X	X	X	X	X			
	SMBRP-9						X	X	X	X	X	X	X	X			
	SMBRP-11						X	X	X	X	X	X	X	X			
	SMBRP-12						X	X	X	X	X	X	X	X			
	MCWP-MW04S ✓						X	X	X	X	X	X	X	X			
	MCWP-MW04D						X	X	X	X	X	X	X	X			
	MCWP-MW07S ✓						X	X	X	X	X	X	X	X			
	MCWP-MW07D ✓						X	X	X	X	X	X	X	X			
	MCWP-MW09 ✓						X	X	X	X	X	X	X	X			

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:				
[1] Received By:				
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868		Lab No: 412842				Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209		Page:	1	of	1	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 300.0: NO2,NO3	TKN; NH3; Phosphorus	TDS, Organic Nitrogen							Test Instructions / Comments
	SMBRP-13 ✓						X	X	X	X							
	MCWP-MW10						X	X	X	X							
	CCPE						X	X	X	X							
	MBCMW-9						X	X	X	X							
	SMBRP-7B						X	X	X	X							

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:				
[1] Received By:				
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly / Semi-Annual
Ground Water
15-01587

Lab Request: 412869
Report Date: 03/07/2019
Date Received: 02/27/2019
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
412869-001	MCWP-MW06

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/27/2019 09:30	**Site:**			
Sample #:	**412869-001**	**Client Sample #:**	MCWP-MW06	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1211825		
Nitrate, as Nitrogen	**4.25**	1	0.012	0.1	mg/L	02/27/19	02/28/19 10:44	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1211868		
Total Dissolved Solids	**1300**	2	20	20	mg/L	02/28/19	03/01/19	WW	

QCBatchID: QC1211825 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 02/27/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211825MB1					
Bromide	ND	mg/L	0.034	0.3	
Chloride	**0.845 J**	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	ND	mg/L	0.077	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211825LCS1											
Bromide	15		15.4		mg/L	103			90-110		
Chloride	100		102		mg/L	102			90-110		
Nitrate, as Nitrogen	9.03		8.79		mg/L	97			90-110		
Nitrite, as Nitrogen	9.15		9.01		mg/L	98			90-110		
Sulfate	50		47.7		mg/L	95			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211825MS1, QC1211825MSD1												**Source: 412875-001**
Bromide	0.193	15	15	14.5	16.7	mg/L	95	110	14.1	80-120	20	
Chloride	63.7	100	100	165	167	mg/L	101	103	1.2	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.08	9.34	mg/L	101	103	2.8	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	10.2	11.1	mg/L	111	121	8.5	80-120	20	M
Sulfate	14.2	50	50	62.3	61.8	mg/L	96	95	0.8	80-120	20	

QCBatchID: QC1211868 **Analyst:** wei **Method:** SM 2540-C

Matrix: Water **Analyzed:** 03/01/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211868MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211868LCS1											
Total Dissolved Solids	1000		1060		mg/L	106			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211868DUP1						**Source: 412860-001**
Total Dissolved Solids	344	330	mg/L	4.2	5	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record					Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No: 412869					Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1	of	1			2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other					**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBRTALIK@RinconConsultants.com	P.O. #:	15-01597
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	PETER D. NICOLAS

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 300.0: NO3	TDS								Test Instructions / Comments
~~MCWP-MW05~~						X	X								PD
MCWP-MW06	2.27.19	0930	W	VARIOUS	VARIOUS	X	X								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER, DORAN	Rincon / ENV. SCI.	2.27.19 / 1315
[1] Received By:			Enthalpy	2/27/19 1315
[2] Relinquished By:			Enthalpy	2/27/19 1515
[2] Received By:		Carina Glacum	EA	2.27.19 1530
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants

Project: Malibu - Quarterly / Semi-Annual

Date Received: 2/27/19

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 2.27.19

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly / Semi-Annual
Ground Water
15-01587

Lab Request: 412870
Report Date: 03/11/2019
Date Received: 02/27/2019
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
412870-001	MCWP-MW10
412870-002	CCPE

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/27/2019 10:15 **Site:**
Sample #: 412870-001 **Client Sample #:** MCWP-MW10 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.50**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211825
Nitrate + Nitrite, as Nitrogen	**1.12**	1	0.018	0.1	mg/L	02/27/19	02/28/19 11:03	JP	
Nitrate, as Nitrogen	**1.12**	1	0.012	0.1	mg/L	02/27/19	02/28/19 11:03	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/27/19	02/28/19 11:03	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.502**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211870
Total Dissolved Solids	**2060**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211972
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**0.379**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**1.162**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211827
Fecal Coliform	**5.2**	1			MPN/100ml	02/27/19 16:18	02/28/19	LH	
Total Coliform	**>2400**	1			MPN/100ml	02/27/19 16:18	02/28/19	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/27/2019 10:50 **Site:**
Sample #: 412870-002 **Client Sample #:** CCPE **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**1.30**	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211825
Nitrate + Nitrite, as Nitrogen	**1.10**	1	0.018	0.1	mg/L	02/27/19	02/28/19 11:23	JP	
Nitrate, as Nitrogen	**1.10**	1	0.012	0.1	mg/L	02/27/19	02/28/19 11:23	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/27/19	02/28/19 11:23	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**1.3**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211870
Total Dissolved Solids	**672**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211972
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211969
Total Phosphorous as P	**0.240**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.736**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211827
Fecal Coliform	**580**	1			MPN/100ml	02/27/19 16:18	02/28/19	LH	
Total Coliform	**1400**	1			MPN/100ml	02/27/19 16:18	02/28/19	LH	

QCBatchID: QC1211825 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 02/27/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211825MB1					
Bromide	ND	mg/L	0.034	0.3	
Chloride	**0.845 J**	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	ND	mg/L	0.077	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211825LCS1											
Bromide	15		15.4		mg/L	103			90-110		
Chloride	100		102		mg/L	102			90-110		
Nitrate, as Nitrogen	9.03		8.79		mg/L	97			90-110		
Nitrite, as Nitrogen	9.15		9.01		mg/L	98			90-110		
Sulfate	50		47.7		mg/L	95			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211825MS1, QC1211825MSD1												**Source: 412875-001**
Bromide	0.193	15	15	14.5	16.7	mg/L	95	110	14.1	80-120	20	
Chloride	63.7	100	100	165	167	mg/L	101	103	1.2	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.08	9.34	mg/L	101	103	2.8	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	10.2	11.1	mg/L	111	121	8.5	80-120	20	M
Sulfate	14.2	50	50	62.3	61.8	mg/L	96	95	0.8	80-120	20	

QCBatchID: QC1211870	**Analyst:** wei	**Method:** SM 2540-C	
Matrix: Water	**Analyzed:** 03/01/2019	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211870MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211870LCS1											
Total Dissolved Solids	1000		990		mg/L	99			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211870DUP1						**Source: 412870-001**
Total Dissolved Solids	2060	2100	mg/L	1.9	5	

QCBatchID: QC1211969	**Analyst:** trinh	**Method:** SM 4500-P-B-5-E	
Matrix: Water	**Analyzed:** 03/04/2019	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211969MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211969LCS1											
Total Phosphorous as P	0.4		0.404		mg/L	101			80-120		
Total Phosphorous as PO4	1.23		1.239		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211969MS1, QC1211969MSD1												**Source: 412876-001**
Total Phosphorous as P	0.024	0.8	0.8	0.892	0.896	mg/L	109	109	0.4	75-125	20	
Total Phosphorous as PO4	0.074	2.46	2.46	2.74	2.75	mg/L	108	109	0.4	75-125	20	

QCBatchID: QC1211972 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211972MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211972LCS1											
Ammonia, as Nitrogen	5		4.83		mg/L	97			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211972MS1, QC1211972MSD1												**Source: 412870-002**
Ammonia, as Nitrogen	ND	5	5	5.72	6.08	mg/L	114	122	6.1	80-120	20	M

QCBatchID: QC1211991	**Analyst:** trinh		**Method:** EPA 351.2		
Matrix: Water	**Analyzed:** 03/05/2019		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211991MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991LCS1											
Total Kjeldahl Nitrogen	2.5		2.6		mg/L	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991MS1, QC1211991MSD1												**Source: 412842-006**
Total Kjeldahl Nitrogen	0.939	12.5	12.5	15	15	mg/L	112	112	0.0	80-120	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No: 412870				Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1	of	1		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBrtalik@RinconConsultants.com	P.O. #:	15-01587
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	P. DORAN N. NAVARRO

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 300.0: NO2,NO3	TKN; NH3; Phosphorus	TDS, Organic Nitrogen	Test Instructions / Comments
~~SMBRP-13~~						X	X	X	X	PD
MCWP-MW10	2.27.19	1015	W	VARIOUS	VARIOUS	X	X	X	X	
CCPE	2.27.19	1050	W	1	1	X	X	X	X	
~~MBCMW-9~~						X	X	X	X	PD
~~SMBRP-7B~~						X	X	X	X	PD

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doran	Rincon / ENV. SCI.	2.27.19 / 1315
[1] Received By:			Enthalpy	2/27/19 1315
[2] Relinquished By:			Enthalpy	2/27/19 1515
[2] Received By:		Carina Racuya	EA	2.27.19 1530
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants

Project: Malibu - Quarterly / Semi-Annual

Date Received: 2/27/19

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 2.27.19

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MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly / Semi-Annual
Ground Water
15-01587

Lab Request: 412871
Report Date: 03/11/2019
Date Received: 02/27/2019
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
412871-001	MCWP-MW04D

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

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Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/27/2019 13:00	**Site:**			
Sample #:	**412871-001**	**Client Sample #:**	MCWP-MW04D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		03/06/19	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**1.72**	1	0.1	0.5	mg/L		03/06/19	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID: QC1211931		
Total Oil and Grease	**8.6**	1.11	1.554	5.55	mg/L	03/04/19	03/04/19	TP	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID: QC1211847		
Boron	**0.798**	1	0.03	0.05	mg/L	02/28/19	03/01/19	KLN	
Method: EPA 300.0	Prep Method: Method						QCBatchID: QC1211825		
Chloride	**249**	50	4.3	50	mg/L	02/27/19	02/28/19 12:25	JP	
Nitrate + Nitrite, as Nitrogen	**1.72**	1	0.018	0.1	mg/L	02/27/19	02/28/19 11:42	JP	
Nitrate, as Nitrogen	**1.72**	1	0.012	0.1	mg/L	02/27/19	02/28/19 11:42	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/27/19	02/28/19 11:42	JP	
Sulfate	**555**	50	3.85	50	mg/L	02/27/19	02/28/19 12:25	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID: QC1211991		
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2120-B	Prep Method: Method						QCBatchID: QC1211913		
Color	ND	1	5	5	Color Unit		02/28/19 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID: QC1211915		
Turbidity	**0.22**	1	0.074	0.1	NTU		02/28/19 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID: QC1211914		
Odor Threshold	ND	1	1	1	T.O.N		02/28/19 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID: QC1211869		
Total Dissolved Solids	**1630**	2	20	20	mg/L	02/28/19	03/01/19	WW	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID: QC1211907		
Total Suspended Solids	ND	1.11	0.555	0.555	mg/L	02/28/19	02/28/19	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID: QC1211839		
Chlorine, Total Residual	**0.02 J**	1	0.016	0.1	mg/L		02/27/19 17:58	WW	J,T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID: QC1211897		
pH	**7.08**	1			pH Units		02/28/19 18:00	EC	T2
Temp. at Time of pH Measurement	**22.0**	1			°C		02/28/19 18:00	EC	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID: QC1211974		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/04/19	03/05/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID: QC1211969		
Total Phosphorous as P	**0.069**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.212**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID: QC1211841		
BOD	ND	1	1.5	3	mg/L	02/27/19	02/27/19 17:40	WW	
Method: SM 5310B	Prep Method: Method						QCBatchID: QC1212027		
Total Organic Carbon (TOC)	**1.20**	1	0.091	1	mg/L	03/05/19	03/05/19	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID: QC1211833		
MBAS	**0.019 J**	1	0.007	0.04	mg/L	02/27/19 16:00	02/27/19 21:59	NP	J
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1211827		
Fecal Coliform	**<1**	1			MPN/100ml	02/27/19 16:18	02/28/19	LH	
Total Coliform	**<1**	1			MPN/100ml	02/27/19 16:18	02/28/19	LH	

QCBatchID: QC1211825 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 02/27/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211825MB1					
Bromide	ND	mg/L	0.034	0.3	
Chloride	**0.845 J**	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	ND	mg/L	0.077	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211825LCS1											
Bromide	15		15.4		mg/L	103			90-110		
Chloride	100		102		mg/L	102			90-110		
Nitrate, as Nitrogen	9.03		8.79		mg/L	97			90-110		
Nitrite, as Nitrogen	9.15		9.01		mg/L	98			90-110		
Sulfate	50		47.7		mg/L	95			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211825MS1, QC1211825MSD1												**Source: 412875-001**
Bromide	0.193	15	15	14.5	16.7	mg/L	95	110	14.1	80-120	20	
Chloride	63.7	100	100	165	167	mg/L	101	103	1.2	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.08	9.34	mg/L	101	103	2.8	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	10.2	11.1	mg/L	111	121	8.5	80-120	20	M
Sulfate	14.2	50	50	62.3	61.8	mg/L	96	95	0.8	80-120	20	

QCBatchID: QC1211833 **Analyst:** wei **Method:** SM 5540-C

Matrix: Water **Analyzed:** 02/27/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211833MB1					
MBAS	ND	mg/L	0.007	0.04	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211833LCS1											
MBAS	1		0.99		mg/L	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211833MS1, QC1211833MSD1												**Source: 412871-001**
MBAS	0.019	1	1	0.95	0.93	mg/L	93	91	2.1	75-125	20	

QCBatchID: QC1211839	**Analyst:** wei	**Method:** SM 4500-Cl	
Matrix: Water	**Analyzed:** 02/27/2019	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211839MB1					
Chlorine, Total Residual	ND	mg/L	0.016	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211839LCS1											
Chlorine, Total Residual	1		1.02		mg/L	102			80-120		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211839DUP1						**Source: 412882-002**
Chlorine, Total Residual	25.2	25.2	mg/L	0.0	20	

QCBatchID:	**QC1211841**	**Analyst:**	wei	**Method:**	SM 5210-B
Matrix:	Water	**Analyzed:**	02/27/2019	**Instrument:**	CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211841MB1					
BOD	ND	mg/L	1.5	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211841LCS1											
BOD	198		176		mg/L	89			84.6-115.4		

QCBatchID: QC1211847 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 02/28/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211847MB1					
Boron	**0.039 J**	mg/L	0.03	0.05	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Copper	ND	mg/L	0.004	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.01	
Selenium	**0.018 J**	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211847LCS1											
Boron	2		1.98		mg/L	99			85-115		
Cadmium	2		1.89		mg/L	95			85-115		
Chromium	2		1.97		mg/L	99			85-115		
Copper	2		1.95		mg/L	98			85-115		
Lead	2		1.80		mg/L	90			85-115		
Molybdenum	2		1.96		mg/L	98			85-115		
Nickel	2		1.83		mg/L	92			85-115		
Selenium	2		1.83		mg/L	92			85-115		
Silver	2		1.82		mg/L	91			85-115		
Zinc	2		1.89		mg/L	95			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211847MS1												**Source: 412803-001**
Boron	0.573	1		1.54		mg/L	97			75-125		
Cadmium	0.037	1		0.969		mg/L	93			75-125		
Chromium	0.011	1		0.963		mg/L	95			75-125		
Copper	0.005	1		0.993		mg/L	99			75-125		
Lead	ND	1		0.839		mg/L	84			75-125		
Molybdenum	0.020	1		0.963		mg/L	94			75-125		
Nickel	0.006	1		0.882		mg/L	88			75-125		
Selenium	ND	1		0.893		mg/L	89			75-125		
Silver	0.004	1		0.892		mg/L	89			75-125		
Zinc	0.026	1		0.952		mg/L	93			75-125		
QC1211847MS2												**Source: 412803-004**
Boron	0.494	1		1.50		mg/L	101			75-125		
Cadmium	0.169	1		1.11		mg/L	94			75-125		
Chromium	0.011	1		0.975		mg/L	96			75-125		
Copper	0.006	1		0.992		mg/L	99			75-125		
Lead	ND	1		0.844		mg/L	84			75-125		
Molybdenum	0.020	1		0.969		mg/L	95			75-125		
Nickel	0.012	1		0.936		mg/L	92			75-125		
Selenium	ND	1		0.868		mg/L	87			75-125		
Silver	ND	1		1.11		mg/L	111			75-125		
Zinc	0.013	1		0.938		mg/L	93			75-125		

QCBatchID: QC1211869 **Analyst:** wei **Method:** SM 2540-C

Matrix: Water **Analyzed:** 03/01/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211869MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211869LCS1											
Total Dissolved Solids	1000		1010		mg/L	101			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211869DUP1						**Source: 412842-006**
Total Dissolved Solids	5930	6140	mg/L	3.5	5	

QCBatchID:	**QC1211897**	**Analyst:**	wei	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	02/28/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211897DUP1						**Source: 412871-001**
pH	7.08	7.10	pH Units	0.3	20	
Temp. at Time of pH Measurement	22.0	22.0	°C	0.0	20	

QCBatchID: QC1211907	**Analyst:** Echavez		**Method:** SM 2540-D		
Matrix: Water	**Analyzed:** 02/28/2019		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211907MB1					
Total Suspended Solids	ND	mg/L	0.5	0.5	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211907DUP1						**Source: 412868-003**
Total Suspended Solids	49.6	48.8	mg/L	1.6	5	

QCBatchID:	**QC1211913**	**Analyst:**	wei	**Method:**	SM 2120-B
Matrix:	Water	**Analyzed:**	02/28/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211913DUP1						**Source: 412871-001**
Color	ND	ND	Color Unit	0.0	20	

QCBatchID:	**QC1211914**	**Analyst:**	wei	**Method:**	SM 2150-B
Matrix:	Water	**Analyzed:**	02/28/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211914DUP1						**Source: 412871-001**
Odor Threshold	ND	ND	T.O.N	0.0	20	

QCBatchID:	**QC1211915**	**Analyst:**	wei	**Method:**	SM 2130-B
Matrix:	Water	**Analyzed:**	02/28/2019	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211915DUP1						**Source: 412871-001**
Turbidity	0.22	0.22	NTU	0.0	20	

QCBatchID: QC1211931	**Analyst:** trinh	**Method:** EPA 1664A	
Matrix: Water	**Analyzed:** 03/04/2019	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211931MB1					
Non-Polar Oil and Grease	ND	mg/L	0.8	5	
Total Oil and Grease	ND	mg/L	1.4	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1211931LCS1, QC1211931LCSD1											
Non-Polar Oil and Grease	20	20	18.3	20.1	mg/L	92	101	9	64-132	34	
Total Oil and Grease	40	40	38.5	44.9	mg/L	96	112	15	78-114	18	

QCBatchID: QC1211969 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 03/04/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211969MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211969LCS1											
Total Phosphorous as P	0.4		0.404		mg/L	101			80-120		
Total Phosphorous as PO4	1.23		1.239		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211969MS1, QC1211969MSD1												**Source: 412876-001**
Total Phosphorous as P	0.024	0.8	0.8	0.892	0.896	mg/L	109	109	0.4	75-125	20	
Total Phosphorous as PO4	0.074	2.46	2.46	2.74	2.75	mg/L	108	109	0.4	75-125	20	

QCBatchID: QC1211974 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211974MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211974LCS1											
Ammonia, as Nitrogen	5		4.73		mg/L	95			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211974MS1, QC1211974MSD1												**Source: 412871-001**
Ammonia, as Nitrogen	ND	5	5	3.86	3.85	mg/L	77	77	0.3	80-120	20	M

QCBatchID: QC1211991 **Analyst:** trinh **Method:** EPA 351.2

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211991MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991LCS1											
Total Kjeldahl Nitrogen	2.5		2.6		mg/L	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991MS1, QC1211991MSD1												**Source: 412842-006**
Total Kjeldahl Nitrogen	0.939	12.5	12.5	15	15	mg/L	112	112	0.0	80-120	20	

QCBatchID: QC1212027 **Analyst:** trinh **Method:** SM 5310B

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212027MB1					
Total Organic Carbon (TOC)	ND	mg/L	0.091	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1212027LCS1											
Total Organic Carbon (TOC)	10		10.1		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1212027MS1, QC1212027MSD1												**Source: 412871-001**
Total Organic Carbon (TOC)	1.20	20	20	21.5	24.6	mg/L	102	117	13.4	80-120	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868 Phone: (714) 771-6900 Fax: (714) 538-1209	Lab No: 412871 Page: 1 of 1	Standard: X 4 Day: 3 Day: 2 Day: 1 Day: Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBRTALIK@RINCONCONSULTANTS.COM	P.O. #:	15-01587
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	PETER D. NICOLAU

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 200.7 (B)	EPA 300.0: Cl,NO2,NO3,SO4	TKN; NH3; Phosphorus	SM 5310C TOC; BOD; TSS; TDS	pH; Residual Cl; MBAS; Turbidity; Color; Odor	EPA 1664A Oil & Grease	Organic Nitrogen, Total Nitrogen			Test Instructions / Comments
~~LAMW-5S~~						X	X	X	X	X	X	X	X			PD
~~SMBRP-9~~						X	X	X	X	X	X	X	X			PD
~~SMBRP-11~~						X	X	X	X	X	X	X	X			PD
~~SMBRP-12~~						X	X	X	X	X	X	X	X			PD
~~MCWP-MW04S~~						X	X	X	X	X	X	X	X			PD
MCWP-MW04D	2.27.19	1300	W	VARIOUS	VARIOUS	X	X	X	X	X	X	X	X			
~~MCWP-MW07S~~						X	X	X	X	X	X	X	X			PD
~~MCWP-MW07D~~						X	X	X	X	X	X	X	X			PD
~~MCWP-MW09~~						X	X	X	X	X	X	X	X			PD

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	RINCON / ENV. SCI.	2.27.19 / 1315
[1] Received By:			Enthalpy	2/27/19 1315
[2] Relinquished By:			Enthalpy	2/27/19 1515
[2] Received By:		Carina Gaccum	EA	2.27.19 1530
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants

Project: Malibu - Quarterly / Semi-Annual

Date Received: 2/27/19

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)		✓	
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Oil + Grease bottle ID did not match COC

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: RC 2-27 Date/Time _____

☑ Email (email sent to/on): RC / 2-27-19

Project Manager's response:

Completed By: _____ Date: 2-27-19

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly / Semi-Annual
Ground Water
15-01587

Lab Request: 412899
Report Date: 03/11/2019
Date Received: 02/28/2019
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
412899-001	MBCMW-9
412899-002	SMBRP-7B

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/28/2019 10:15 **Site:**
Sample #: 412899-001 **Client Sample #:** MBCMW-9 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**1.20**	1	0.04	0.5	mg/L		03/07/19	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211824
Nitrate, as Nitrogen	**0.05 J**	1	0.012	0.1	mg/L	02/27/19	02/28/19 15:01	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/27/19	02/28/19 15:01	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**1.2**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211983
Total Dissolved Solids	**4350**	4	40	40	mg/L	03/05/19	03/06/19	WW	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211967
Total Phosphorous as P	**0.317**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.972**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211861
Fecal Coliform	**1700**	1			MPN/100ml	02/28/19 14:51	03/01/19	LH	
Total Coliform	**>2400**	1			MPN/100ml	02/28/19 14:51	03/01/19	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 02/28/2019 11:00 **Site:**
Sample #: 412899-002 **Client Sample #:** SMBRP-7B **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.08 J**	1	0.04	0.5	mg/L		03/07/19	SLL	J
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1211824
Nitrate, as Nitrogen	**2.92**	1	0.012	0.1	mg/L	02/27/19	02/28/19 15:21	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	02/27/19	02/28/19 15:21	JP	
Method: EPA 351.2	Prep Method: Method						QCBatchID:		QC1211991
Total Kjeldahl Nitrogen	**0.077 J**	1	0.052	0.4	mg/L	03/04/19	03/05/19	TP	J
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1211983
Total Dissolved Solids	**1950**	2	20	20	mg/L	03/05/19	03/06/19	WW	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1211896
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	03/01/19	03/01/19	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1211967
Total Phosphorous as P	**0.204**	1	0.01	0.02	mg/L	03/01/19	03/04/19	TP	
Total Phosphorous as PO4	**0.626**	1	0.03	0.06	mg/L	03/01/19	03/04/19	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1211861
Fecal Coliform	**4.1**	1			MPN/100ml	02/28/19 14:51	03/01/19	LH	
Total Coliform	**190**	1			MPN/100ml	02/28/19 14:51	03/01/19	LH	

QCBatchID: QC1211824 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 02/27/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211824MB1					
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211824LCS1											
Nitrate, as Nitrogen	9.03		8.80		mg/L	97			90-110		
Nitrite, as Nitrogen	9.15		8.96		mg/L	98			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211824MS1, QC1211824MSD1												**Source: 412857-001**
Nitrate, as Nitrogen	3.27	9.03	9.03	12.4	12.3	mg/L	101	100	0.8	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	10.6	10.6	mg/L	116	116	0.0	80-120	20	

QCBatchID: QC1211896 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 03/01/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211896MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211896LCS1											
Ammonia, as Nitrogen	5		5.19		mg/L	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211896MS1, QC1211896MSD1												**Source: 412841-001**
Ammonia, as Nitrogen	ND	5	5	4.71	4.71	mg/L	94	94	0.0	80-120	20	

QCBatchID: QC1211967	**Analyst:** trinh		**Method:** SM 4500-P-B-5-E		
Matrix: Water	**Analyzed:** 03/04/2019		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211967MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1211967LCS1											
Total Phosphorous as P	0.4		0.433		mg/L	108			80-120		
Total Phosphorous as PO4	1.23		1.328		mg/L	108			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1211967MS1, QC1211967MSD1												**Source: 412899-002**
Total Phosphorous as P	0.204	1	1	1.212	1.212	mg/L	101	101	0.0	75-125	20	
Total Phosphorous as PO4	0.626	3.066	3.066	3.72	3.72	mg/L	101	101	0.0	75-125	20	

QCBatchID: QC1211983 **Analyst:** wei **Method:** SM 2540-C

Matrix: Water **Analyzed:** 03/06/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211983MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211983LCS1											
Total Dissolved Solids	1000		947		mg/L	95			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211983DUP1						**Source: 412899-001**
Total Dissolved Solids	4350	4370	mg/L	0.5	5	

QCBatchID: QC1211991 **Analyst:** trinh **Method:** EPA 351.2

Matrix: Water **Analyzed:** 03/05/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211991MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991LCS1											
Total Kjeldahl Nitrogen	2.5		2.6		mg/L	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211991MS1, QC1211991MSD1												**Source: 412842-006**
Total Kjeldahl Nitrogen	0.939	12.5	12.5	15	15	mg/L	112	112	0.0	80-120	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 412899	Standard: X / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1 of 1	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBrtalik@RinconConsultants.com	P.O. #:	15-01587
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	P. DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 300.0: NO2,NO3	TKN; NH3; Phosphorus	TDS, Organic Nitrogen	Test Instructions / Comments
MBCMW-9	2-28-19	1015	W	5/Various	None/4	X	X	X	X	
SMBRP-7B	2-28-19	1100	"	5/Various	"	X	X	X	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doran	Env. Sci. / Rincon	2-28-19 / 1210
[1] Received By:			Enthalpy	2/28/19 1210
[2] Relinquished By:			Enthalpy	2/28/19 1444
[2] Received By:			GT	2/28/19 1444
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants - Ventura Project: Malibu

Date Received: 2/28/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 12.6 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.8 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 2/28/19

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly / Semi-Annual
Ground Water
15-01587

Lab Request: 412905
Report Date: 03/07/2019
Date Received: 02/28/2019
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
412905-001	MCWP-MW05

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	02/28/2019 11:25	**Site:**			
Sample #:	**412905-001**	**Client Sample #:**	MCWP-MW05	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1211824		
Nitrate, as Nitrogen	**1.97**	1	0.012	0.1	mg/L	02/27/19	02/28/19 15:40	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1211983		
Total Dissolved Solids	**1220**	2	20	20	mg/L	03/05/19	03/06/19	WW	

QCBatchID: QC1211824 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 02/27/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211824MB1					
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211824LCS1											
Nitrate, as Nitrogen	9.03		8.80		mg/L	97			90-110		
Nitrite, as Nitrogen	9.15		8.96		mg/L	98			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211824MS1, QC1211824MSD1												**Source: 412857-001**
Nitrate, as Nitrogen	3.27	9.03	9.03	12.4	12.3	mg/L	101	100	0.8	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	10.6	10.6	mg/L	116	116	0.0	80-120	20	

QCBatchID: QC1211983 **Analyst:** wei **Method:** SM 2540-C

Matrix: Water **Analyzed:** 03/06/2019 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1211983MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1211983LCS1											
Total Dissolved Solids	1000		947		mg/L	95			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1211983DUP1						**Source: 412899-001**
Total Dissolved Solids	4350	4370	mg/L	0.5	5	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record									Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No:	412905								Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page:	1	of	1						2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other									Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group															
1 Park Plaza, Suite 1000, Irvine, CA 92614															

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly/Semi-Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBrtalik@RinconConsultants.com	P.O. #:	15-01597
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	P. DORAN.

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 300.0: NO3	TDS								Test Instructions / Comments
MCWP-MW05	2.28.19	1125	W	2/1,0.5L	NONE	X	X								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		PETER DORAN	Rincon/ENV. SCI	2.28.19 / 1210
1 Received By:			Enthalpy	2/28/19 1210
2 Relinquished By:			Enthalpy	2/28/19 1447
2 Received By:			FA	2/28/19 1447
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants - Ventura Project: Malibu

Date Received: 2/28/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 12.6 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.8 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 2/28/19

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Pat-Chem Laboratories

11990 Discovery Court

Moorpark, CA 93021

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1531**

Expiration Date: **5/31/2019**

Effective Date: **6/1/2017**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Pat-Chem Laboratories

11990 Discovery Court
Moorpark, CA 93021
Phone: (805) 532-0012

Certificate No. 1531
Expiration Date 5/31/2019

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM9215B
101.010	001	Heterotrophic Bacteria	SM9215B
101.010	002	Heterotrophic Bacteria	SimPlate
101.011	001	Heterotrophic Bacteria	SimPlate
101.020	001	Total Coliform P/A	SM9221B
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	003	E. coli P/A	SM 9221 B,F
101.050	001	Total Coliform P/A	SM9223B (Colilert)
101.050	001	Total Coliform P/A	SM9223B (Colilert)
101.050	002	E. coli P/A	SM9223B (Colilert)
101.050	002	E. coli P/A	SM9223B (Colilert)

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.020	001	Turbidity	EPA 180.1
102.020	001	Turbidity	EPA 180.1
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (calculation)	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	001	Bromide	EPA 300.0
102.030	002	Chlorate	EPA 300.0
102.030	002	Chlorate	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	004	Chlorite	EPA 300.0
102.030	004	Chlorite	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	007	Nitrite	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	008	Phosphate, Ortho	EPA 300.0

As of 5/31/2017 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

102.030	009	Sulfate	EPA 300.0
102.030	010	Sulfate	EPA 300.0
102.045	001	Perchlorate	EPA 314.0
102.045	001	Perchlorate	EPA 314.0
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.070	001	Phosphate, Ortho	EPA 365.1
102.095	001	Turbidity	SM2130B-2001
102.095	001	Turbidity	SM2130B-2001
102.100	001	Alkalinity	SM2320B
102.100	001	Alkalinity	SM2320B-1997
102.120	001	Hardness (calculation)	SM2340B-1997
102.120	001	Hardness	SM2340B
102.121	001	Hardness	SM2340C
102.121	001	Hardness	SM2340C-1997
102.130	001	Conductivity	SM2510B-1997
102.130	001	Conductivity	SM2510B
102.140	001	Total Dissolved Solids	SM2540C
102.140	001	Residue, Filterable TDS	SM2540C-1997
102.147	001	Calcium	SM3120B-1999
102.147	002	Magnesium	SM3120B-1999
102.147	003	Potassium	SM3120B-1999
102.147	004	Silica	SM3120B-1999
102.147	006	Hardness (calculation)	SM3120B-1999
102.150	001	Chloride	SM4110B
102.150	002	Fluoride	SM4110B
102.150	003	Nitrate	SM4110B
102.150	004	Nitrite	SM4110B
102.150	005	Phosphate, Ortho	SM4110B
102.150	006	Sulfate	SM4110B
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.190	001	Cyanide, Total	SM4500-CN E
102.190	001	Cyanide, Total	SM4500-CN E
102.191	001	Cyanide, Total	SM4500-CN F
102.192	001	Cyanide, amenable	SM4500-CN G
102.200	001	Fluoride	SM4500-F C-1997
102.200	001	Fluoride	SM4500-F C
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.234	001	Nitrite (as N)	SM4500-NO3- F-2000
102.234	001	Nitrite	SM4500-NO3 F
102.234	002	Nitrate (as N)	SM4500-NO3- F-2000

102.234	002	Nitrate	SM4500-NO3 F
102.241	001	Phosphate, Ortho	SM4500-P F
102.260	001	Total Organic Carbon TOC	SM5310B-2000
102.260	001	Total Organic Carbon TOC	SM5310B
102.261	001	Dissolved Organic Carbon (DOC)	SM5310B-2000
102.261	001	Dissolved Organic Carbon (DOC)	SM5310B
102.270	001	Surfactants	SM5540C-2000
102.270	001	Surfactants	SM5540C
102.520	001	Calcium	EPA 200.7
102.520	002	Magnesium	EPA 200.7
102.520	003	Potassium	EPA 200.7
102.520	004	Silica	EPA 200.7
102.520	005	Sodium	EPA 200.7
102.520	006	Hardness (calculation)	EPA 200.7

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.030	001	Mercury	SM3112B
103.060	001	Aluminum	SM3120B
103.060	003	Barium	SM3120B
103.060	004	Beryllium	SM3120B
103.060	007	Chromium	SM3120B
103.060	008	Copper	SM3120B
103.060	009	Iron	SM3120B
103.060	011	Manganese	SM3120B
103.060	012	Nickel	SM3120B
103.060	015	Silver	SM3120B
103.060	017	Zinc	SM3120B
103.130	001	Aluminum	EPA 200.7
103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7

103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6
103.310	001	Chromium (VI)	EPA 218.6

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane	EPA 504.1
104.030	001	1,2-Dibromoethane	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.030	003	1,2,3-Trichloropropane	EPA 504.1

104.030	003	1,2,3-Trichloropropane	EPA 504.1
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2

104.040	035	Ethylbenzene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	047	1,2,3-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2

104.050	000	Gasoline Additives	EPA 524.2
104.050	000	Gasoline Additives	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	005	Trichlorotrifluoroethane	EPA 524.2
104.050	005	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	006	Trichlorotrifluoroethane	EPA 524.2
104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
104.050	009	Methyl Isobutyl Ketone	EPA 524.2

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.020	000	Adipates	EPA 506
105.020	000	Phthalates	EPA 506
105.020	001	Di(2-ethylhexyl) Adipate	EPA 506
105.020	001	Di(2-ethylhexyl) Adipate	EPA 506
105.020	002	Di(2-ethylhexyl) Phthalate	EPA 506
105.020	002	Di(2-ethylhexyl) Phthalate	EPA 506
105.020	010	Phthalates	EPA 506
105.030	000	N-, P- Pesticides	EPA 507
105.030	000	N-, P- Pesticides	EPA 507
105.030	001	Alachlor	EPA 507
105.030	001	Alachlor	EPA 507
105.030	002	Atrazine	EPA 507
105.030	002	Atrazine	EPA 507
105.030	003	Butachlor	EPA 507
105.030	003	Butachlor	EPA 507
105.030	005	Metolachlor	EPA 507
105.030	005	Metolachlor	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	007	Molinate	EPA 507
105.030	007	Molinate	EPA 507
105.030	008	Prometryn	EPA 507
105.030	008	Prometryn	EPA 507
105.030	009	Simazine	EPA 507
105.030	009	Simazine	EPA 507
105.035	000	Organochlorine Pesticides	EPA 508
105.035	001	Aldrin	EPA 508
105.035	001	Aldrin	EPA 508
105.035	002	Dieldrin	EPA 508
105.035	003	Endosulfan I	EPA 508
105.035	003	Endosulfan I	EPA 508
105.035	004	Endosulfan II	EPA 508

105.035	004	Endosulfan II	EPA 508
105.035	005	Endosulfan Sulfate	EPA 508
105.035	005	Endosulfan Sulfate	EPA 508
105.035	006	Endrin	EPA 508
105.035	007	Endrin Aldehyde	EPA 508
105.035	007	Endrin Aldehyde	EPA 508
105.035	008	Heptachlor	EPA 508
105.035	009	Heptachlor Epoxide	EPA 508
105.035	010	Hexachlorobenzene	EPA 508
105.035	011	Lindane	EPA 508
105.035	012	Methoxychlor	EPA 508
105.035	013	Propachlor	EPA 508
105.035	013	Propachlor	EPA 508
105.035	014	Chlordane	EPA 508
105.035	015	Toxaphene	EPA 508
105.035	018	Aroclor 1221	EPA 508
105.035	019	Aroclor 1232	EPA 508
105.035	020	Arochlor 1242	EPA 508
105.035	020	Arochlor 1242	EPA 508
105.035	021	Aroclor 1248	EPA 508
105.035	022	Aroclor 1254	EPA 508
105.035	022	Aroclor 1254	EPA 508
105.035	023	Aroclor 1260	EPA 508
105.040	000	Chlorinated Pesticides	EPA 508
105.040	003	Chlordane (total)	EPA 508
105.040	007	Endrin	EPA 508
105.040	008	Heptachlor	EPA 508
105.040	009	Heptachlor Epoxide	EPA 508
105.040	010	Hexachlorobenzene	EPA 508
105.040	012	Lindane	EPA 508
105.040	013	Methoxychlor	EPA 508
105.040	015	Toxaphene	EPA 508
105.040	016	PCBs as Aroclors (screen)	EPA 508
105.070	001	Bentazon	EPA 515.1
105.070	001	Bentazon	EPA 515.1
105.070	002	2,4-D	EPA 515.1
105.070	002	2,4-D	EPA 515.1
105.070	003	Dalapon	EPA 515.1
105.070	004	Dicamba	EPA 515.1
105.070	004	Dicamba	EPA 515.1
105.070	005	Dinoseb	EPA 515.1
105.070	005	Dinoseb	EPA 515.1
105.070	006	Pentachlorophenol	EPA 515.1
105.070	006	Pentachlorophenol	EPA 515.1
105.070	007	Picloram	EPA 515.1
105.070	007	Picloram	EPA 515.1
105.070	008	2,4,5-TP	EPA 515.1

105.070	008	2,4,5-TP	EPA 515.1
105.070	009	Chlorinated Acids	EPA 515.1
105.160	000	Polynuclear Aromatic Hydrocarbons	EPA 550
105.160	000	Polynuclear Aromatic Hydrocarbons	EPA 550
105.160	001	Benzo(a)pyrene	EPA 550
105.160	001	Benzo(a)pyrene	EPA 550
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	004	Dalapon	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	002	Total Coliform (Enumeration)	SM9221B,E-2006
107.020	002	Total Coliform (Enumeration)	SM9221B-2006
107.030	002	Total Coliform with Chlorine Present	SM9221B,C-2006
107.030	002	Total Coliform with Chlorine Present	SM9221B,C-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221C,E-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221C,E-2006
107.242	001	Enterococci	Enterolert
107.242	001	Enterococci	Enterolert
107.245	002	E. coli (Enumeration)	SM9223B (Colilert)
107.245	002	E. coli (Enumeration)	SM9223B (Colilert)
107.247	001	E. coli (Enumeration)	SM9221B,F-2006
107.247	001	E. coli (Enumeration)	SM9221B,F-2006

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.020	001	Conductivity	EPA 120.1
108.030	001	Hardness	EPA 130.1
108.051	001	Hydrogen Ion (pH)	EPA 150.1
108.090	001	Residue, Volatile	EPA 160.4
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	001	Boron	EPA 200.7

108.112	002	Calcium	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.113	001	Boron	EPA 200.8
108.113	001	Boron	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	005	Silica, Dissolved	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.209	001	Ammonia (as N)	EPA 350.1
108.209	001	Ammonia (as N)	EPA 350.1
108.210	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.1
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	004	Nitrite (as N)	EPA 353.2

108.232	004	Nitrite (as N)	EPA 353.2
108.260	001	Phosphate, Ortho	EPA 365.1
108.260	001	Phosphate, Ortho	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.264	001	Phosphate, Ortho	EPA 365.3
108.265	001	Phosphorus, Total	EPA 365.3
108.266	001	Phosphorus, Total	EPA 365.4
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.360	001	Phenols, Total	EPA 420.1
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	EPA 1664A
108.381	001	Oil and Grease	EPA 1664A
108.390	001	Turbidity	SM2130B-2001
108.390	001	Turbidity	SM2130B-2001
108.400	001	Acidity	SM2310B-1997
108.410	001	Alkalinity	SM2320B-1997
108.410	001	Alkalinity	SM2320B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.421	001	Hardness	SM2340C-1997
108.421	001	Hardness	SM2340C-1997
108.430	001	Conductivity	SM2510B-1997
108.430	001	Conductivity	SM2510B-1997
108.438	001	Boron	SM3125B-2009
108.438	002	Calcium	SM3125B-2009
108.438	003	Magnesium	SM3125B-2009
108.438	004	Potassium	SM3125B-2009
108.438	006	Sodium	SM3125B-2009
108.438	007	Hardness (calculation)	SM3125B-2009
108.439	001	Residue, Volatile	SM2540E-1997
108.439	001	Residue, Volatile	SM2540E-1997
108.440	001	Residue, Total	SM2540B-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.444	001	Temperature	SM2550B-2000
108.444	001	Temperature	SM2550B-2000
108.447	001	Boron	SM3120B-1999
108.447	002	Calcium	SM3120B-1999
108.447	003	Hardness (calculation)	SM3120B-1999
108.447	004	Magnesium	SM3120B-1999

108.447	005	Potassium	SM3120B-1999
108.447	006	Silica	SM3120B-1999
108.447	007	Sodium	SM3120B-1999
108.448	001	Bromide	SM4110B-2000
108.448	002	Chloride	SM4110B-2000
108.448	003	Fluoride	SM4110B-2000
108.448	004	Nitrate (as N)	SM4110B-2000
108.448	005	Nitrite (as N)	SM4110B-2000
108.448	006	Nitrate-nitrite	SM4110B-2000
108.448	007	Phosphate, Ortho	SM4110B-2000
108.448	008	Sulfate	SM4110B-2000
108.465	001	Chlorine, Total Residual	SM4500-Cl G-2000
108.465	001	Chlorine, Total	SM4500-Cl G-2000
108.465	002	Chlorine, Free	SM4500-Cl G-2000
108.465	002	Chlorine, Free	SM4500-Cl G-2000
108.472	001	Cyanide, Total	SM4500-CN E-1999
108.472	001	Cyanide, Total	SM4500-CN C,E-1999
108.473	001	Cyanide, amenable	SM4500-CN G-1999
108.473	001	Cyanide, amenable	SM4500-CN G-1999
108.474	001	Cyanide, Total	SM4500-CN F-1999
108.480	001	Fluoride	SM4500-F B,C-1997
108.480	001	Fluoride	SM4500-F B,C-1997
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.506	002	Ammonia (as N)	SM4500-NH3 G-1997
108.508	002	Ammonia (as N)	SM4500-NH3 G-1997
108.513	001	Kjeldahl Nitrogen, Total (as N)	SM4500-Norg D-1997
108.529	001	Nitrate-Nitrite (as N)	SM4500-NO3- F-2000
108.529	001	Nitrate-Nitrite (as N)	SM4500-NO3- F-2000
108.529	002	Nitrite (as N)	SM4500-NO3- F-2000
108.529	002	Nitrite (as N)	SM4500-NO3- F-2000
108.529	003	Nitrate (as N)	SM4500-NO3- F-2000
108.529	003	Nitrate (as N)	SM4500-NO3- F-2000
108.536	001	Oxygen, dissolved	SM4500-O G-2001
108.542	001	Phosphate, Ortho	SM4500-P F
108.544	001	Phosphate, Ortho (as P)	SM4500-P G-1999
108.545	001	Phosphorus, Total	SM4500-P H-1999
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.596	001	Organic Carbon-Total (TOC)	SM5310B-2000
108.603	001	Oil & Grease Total	SM5520B-2001

108.605	001	Surfactants	SM5540C-2000
108.605	001	Surfactants	SM5540C-2000
108.625	001	Phenols, Total	SM5530 B-2005
108.626	001	Phenols, Total	SM5530 D-2005
108.626	001	Phenols, Total	SM5530 D-2005

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	026	Vanadium	EPA 200.7

109.010	027	Zinc	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1

109.190	001	Mercury	EPA 245.1
109.430	001	Aluminum	SM3120B-1999
109.430	002	Antimony	SM3120B-1999
109.430	003	Arsenic	SM3120B-1999
109.430	004	Barium	SM3120B-1999
109.430	005	Beryllium	SM3120B-1999
109.430	007	Cadmium	SM3120B-1999
109.430	009	Chromium	SM3120B-1999
109.430	010	Cobalt	SM3120B-1999
109.430	012	Iron	SM3120B-1999
109.430	015	Manganese	SM3120B-1999
109.430	016	Molybdenum	SM3120B-1999
109.430	017	Nickel	SM3120B-1999
109.430	019	Selenium	SM3120B-1999
109.430	021	Silver	SM3120B-1999
109.430	023	Thallium	SM3120B-1999
109.430	024	Vanadium	SM3120B-1999
109.430	025	Zinc	SM3120B-1999
109.445	002	Chromium (VI)	SM3500-Cr B-2009
109.446	001	Chromium (VI)	SM3500-Cr C-2009

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
110.040	000	Purgeable Organic Compounds	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.010	000	Phenols	EPA 604
111.010	000	Phenols	EPA 604
111.060	000	Polynuclear Aromatics	EPA 610
111.060	000	Polynuclear Aromatics	EPA 610
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.103	000	Nitrosamines	EPA 625
111.103	000	Nitrosamines	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B

114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.103	001	Chromium (VI)	EPA 7196A
114.103	001	Chromium (VI)	EPA 7196A
114.106	001	Chromium (VI)	EPA 7199
114.106	001	Chromium (VI)	EPA 7199
114.140	001	Mercury	EPA 7470A
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A
114.141	001	Mercury	EPA 7471A
114.240	001	Corrosivity - pH Determination	EPA 9040B
114.241	001	Corrosivity - pH Determination	EPA 9045C

114.250	001	Fluoride	EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.021	001	TCLP Inorganics	EPA 1311
115.022	001	TCLP Extractables	EPA 1311
115.023	001	TCLP Volatiles	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.020	031	Ethanol and Methanol	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	120	Oxygenates	EPA 8260B
116.080	120	Oxygenates	EPA 8260B

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.110	000	Extractable Organics	EPA 8270C
117.110	000	Extractable Organics	EPA 8270C
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.210	000	Organochlorine Pesticides	EPA 8081A
117.210	000	Pesticides & PCBs	EPA 8081A
117.220	000	PCBs	EPA 8082
117.220	000	PCBs	EPA 8082
117.240	000	Organophosphorus Pesticides	EPA 8141A
117.240	000	Organophosphorus Pesticides	EPA 8141A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.280	000	Carbamates	EPA 8321A

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C
120.080	001	Corrosivity - pH Determination	EPA 9045C

Field of Testing: 126 - Microbiology of Recreational Water

126.010	001	Total Coliform (Enumeration)	SM9221B,C-2006
126.010	001	Total Coliform (Enumeration)	SM9221B,C
126.030	001	Fecal Coliform (Enumeration)	SM9221E-2006
126.030	001	Fecal Coliform (Enumeration)	SM9221B,E-2006
126.050	001	Total Coliform (Enumeration)	SM9223B (Colilert/Quanti-Tray)

126.050	001	Total Coliform (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.050	002	E. coli (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.050	002	E. coli (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.080	001	Enterococci	Enterolert
126.080	001	Enterococci	Enterolert