

Appendix H
Noise Data and Field Notes

FIELD NOISE MEASUREMENT DATA

Jones & Stokes

PROJECT: Malibu Waste Water Treatment Plant

PROJ. # 123.13

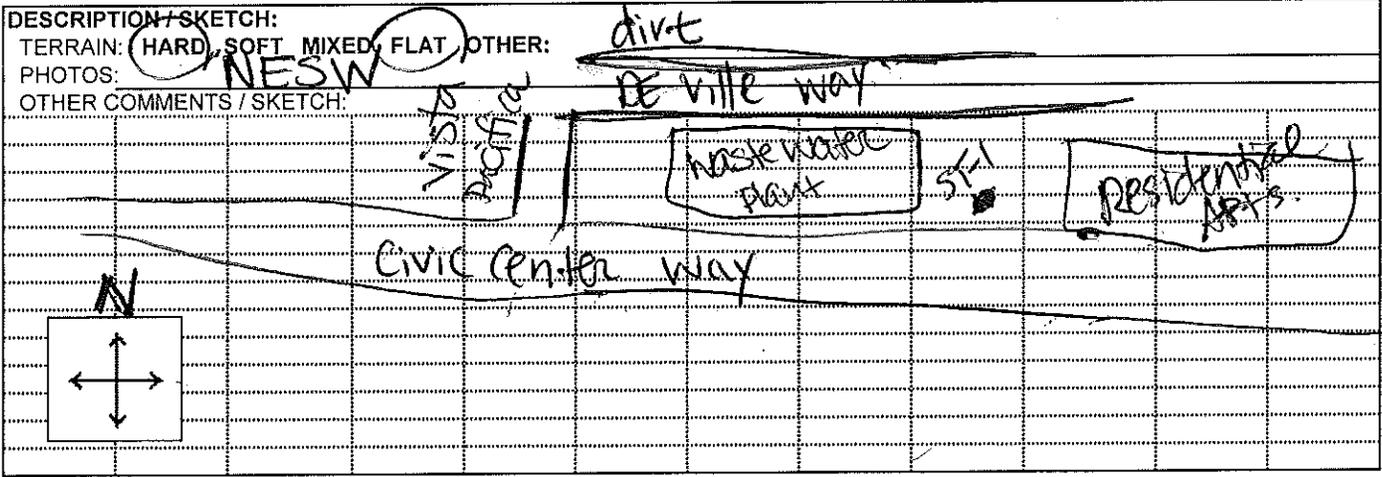
SITE IDENTIFICATION: ST-1 OBSERVER(S): Peter Hardie
 ADDRESS: Civic Center East of Vista Pacifica
 START DATE / TIME: 11/14/13 1:32pm END DATE / TIME: 1:47pm

METEOROLOGICAL CONDITIONS:
 TEMP: 87.7 °F HUMIDITY: 9 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
 WINDSPEED: 1.3 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
 SKY: SUNNY CLEAR OVRCAST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:
 INSTRUMENT: 812 TYPE 1 2 SERIAL #: 0432
 CALIBRATOR: CAL 000 SERIAL #: 66045
 CALIBRATION CHECK: PRE-TEST 114.3 dBA SPL POST-TEST 114.3 dBA SPL WINDSCREEN ✓
 SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER: _____
 REC # START END L_{eq} L_{max} L_{min} L₉₀ L₅₀ L₁₀ OTHER: (TYPE?)
ST-1 1:32pm 1:47pm 108.3 80.8 49.2 58.5 66.6 71.9

COMMENTS: Adjacent to existing wastewater plant; low humming of pumps

SOURCE INFO AND TRAFFIC COUNTS:
 PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER: _____
 ROADWAY TYPE: _____
 TRAFFIC COUNT DURATION: _____-MIN SPEED #2 COUNT SPEED
 NB / EB SB / WB
 AUTOS: _____
 MED. TRUCKS: _____
 HVY TRUCKS: _____
 BUSES: _____
 MOTORCYCLES: _____
 SPEED ESTIMATED BY: RADAR / DRIVING / OBSERVER
 OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:



FIELD NOISE MEASUREMENT DATA

PROJECT: Malibu Waste Water Treatment Plant

PROJ. # 123.13

SITE IDENTIFICATION: <u>ST-2</u>	OBSERVER(S): <u>Peter Hardie</u>
ADDRESS: <u>Malibu Bluffs Park</u>	END DATE / TIME: <u>12:30pm</u>
START DATE / TIME: <u>11/14/13 12:15pm</u>	

METEROLOGICAL CONDITIONS:

TEMP: 81.3 °F HUMIDITY: 33.2 %R.H. WIND: CALM LIGHT MODERATE VARIABLE

WINDSPEED: 1.9 MPH DIR: N NE E SE S SW W NW STEADY GUSTY

SKY: SUNNY CLEAR OVRGST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:

INSTRUMENT: 812 TYPE 1 2 SERIAL #: 0432

CALIBRATOR: CAF 200 SERIAL #: 10445

CALIBRATION CHECK: PRE-TEST 114.3 dBA SPL POST-TEST 114.3 dBA SPL WINDSCREEN ✓

SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

REC #	START	END	L _{eq}	L _{max}	L _{min}	L ₉₀	L ₅₀	L ₁₀	OTHER: (TYPE?)
<u>ST-2</u>	<u>12:15pm</u>	<u>12:30</u>	<u>53.2</u>	<u>77.5</u>	<u>39.7</u>	<u>43.9</u>	<u>47.9</u>	<u>52.6</u>	

COMMENTS: kid, mom a dog playing near by, garbage truck drove by, garbage truck picking up garbage

SOURCE INFO AND TRAFFIC COUNTS:

PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER: garbage truck

ROADWAY TYPE:

	TRAFFIC COUNT DURATION:		SPEED		#2 COUNT		SPEED	
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB
AUTOS:								
MED. TRUCKS:								
HVY TRUCKS:								
BUSES:								
MOTORCYCLES:								

SPEED ESTIMATED BY: RADAR / DRIVING / OBSERVER

OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL / DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:

TERRAIN: HARD SOFT MIXED FLAT OTHER: Grass

PHOTOS: NOSE NOSE NESV

OTHER COMMENTS / SKETCH:

The sketch shows a grid with a north arrow pointing up. A vertical line is labeled 'Malibu Canyon Rd'. A horizontal line is labeled 'PCH'. A curved line represents a 'Baseball Diamond'. A dot is labeled 'ST-2' with 'NESH' written above it.

DDD trashcans where garbage truck picked up.

FIELD NOISE MEASUREMENT DATA

Jones & Stokes

PROJECT: Malibu Waste Water Treatment Plant

PROJ. # 123.13

SITE IDENTIFICATION: <u>ST-3</u>	OBSERVER(S): <u>Peter Hardie</u>
ADDRESS: <u>23854 Malibu Crest Dr.</u>	END DATE / TIME: <u>1:11pm</u>
START DATE / TIME: <u>12:15pm 11/14/13</u>	

METEOROLOGICAL CONDITIONS:

TEMP: 82 °F HUMIDITY: 25.1 %R.H. WIND: CALM LIGHT MODERATE VARIABLE

WINDSPEED: 3.2 MPH DIR: N NE E SE S SW W NW STEADY GUSTY

SKY: (SUNNY) (CLEAR) OVR CST PRTLY CLOUDY FOG RAIN OTHER: _____

ACOUSTIC MEASUREMENTS:

INSTRUMENT: 812 TYPE: (1) 2 SERIAL #: 0432

CALIBRATOR: CAL 200 SERIAL #: 10045

CALIBRATION CHECK: PRE-TEST 114.3 dBA SPL POST-TEST 114.3 dBA SPL WINDSCREEN ✓

SETTINGS: (A-WEIGHTED) (SLOW) FAST FRONTAL (RANDOM) (ANSI) OTHER: _____

REC #	START	END	L _{eq}	L _{max}	L _{min}	L ₉₀	L ₅₀	L ₁₀	OTHER: (TYPE?)
<u>ST-3</u>	<u>12:15pm</u>	<u>1:11pm</u>	<u>52.8</u>	<u>65.6</u>	<u>42.4</u>	<u>46.4</u>	<u>54.7</u>	<u>55.5</u>	

COMMENTS: Slight humming from laboratory across street

SOURCE INFO AND TRAFFIC COUNTS:

PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER: _____

ROADWAY TYPE: _____

	TRAFFIC COUNT DURATION: _____ MIN		SPEED		#2 COUNT		SPEED	
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB
AUTOS:								
MED. TRUCKS:								
HVY TRUCKS:								
BUSES:								
MOTORCYCLES:								

SPEED ESTIMATED BY: RADAR / DRIVING / OBSERVER

OTHER SOURCES: (DIST. AIRCRAFT) / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER: _____

DESCRIPTION / SKETCH:

TERRAIN: (HARD) SOFT MIXED (FLAT) OTHER: dirt

PHOTOS: NE SW

OTHER COMMENTS / SKETCH:

The sketch shows a grid with a north arrow pointing up. A vertical line represents Malibu Crest Dr. A horizontal line represents Malibu Canyon Rd. A point labeled 'ST-3' is marked on the grid. Other labels include 'House', 'Project', and 'HLN Laboratories'.

FIELD NOISE MEASUREMENT DATA

PROJECT: Malibu Waste Water Treatment Plant

PROJ. # 123.13

SITE IDENTIFICATION: <u>ST-4</u>	OBSERVER(S): <u>Peter Hardie</u>
ADDRESS: <u>Intersection Malibu Rd & PCH</u>	END DATE / TIME: <u>3:18pm</u>
START DATE / TIME: <u>11/14/13 3:03pm</u>	

METEROLOGICAL CONDITIONS:

TEMP: 78.2 °F HUMIDITY: 43.7 %R.H. WIND: CALM LIGHT MODERATE VARIABLE

WINDSPEED: 1.4 MPH DIR: N NE SE S SW W NW STEADY GUSTY

SKY: SUNNY CLEAR OVRCAST PRTLY CLOUDY FOG RAIN OTHER: _____

ACOUSTIC MEASUREMENTS:

INSTRUMENT: 812 TYPE 1 2 SERIAL #: 0432

CALIBRATOR: CAZ 200 SERIAL #: 6045

CALIBRATION CHECK: PRE-TEST 114.3 dBA SPL POST-TEST 114.3 dBA SPL WINDSCREEN _____

SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER: _____

REC #	START	END	L _{eq}	L _{max}	L _{min}	L ₉₀	L ₅₀	L ₁₀	OTHER: (TYPE?)
<u>ST-4</u>	<u>3:03</u>	<u>3:18</u>	<u>66.5</u>	<u>78.8</u>	<u>54.1</u>	<u>59.0</u>	<u>65.0</u>	<u>69.6</u>	

COMMENTS: Next to private golf course; couple of heavy trucks; also two maintenance vehicles drove by on gravel road.

SOURCE INFO AND TRAFFIC COUNTS:

PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER: _____

ROADWAY TYPE: _____

	TRAFFIC COUNT DURATION:		SPEED		#2 COUNT		SPEED	
	NB / EB	SB / WB	NB / EB	SB / WB	NB / EB	SB / WB	NB / EB	SB / WB
AUTOS:								
MED. TRUCKS:								
HVY TRUCKS:								
BUSES:								
MOTORCYCLES:								

SPEED ESTIMATED BY: RADAR / DRIVING / OBSERVER

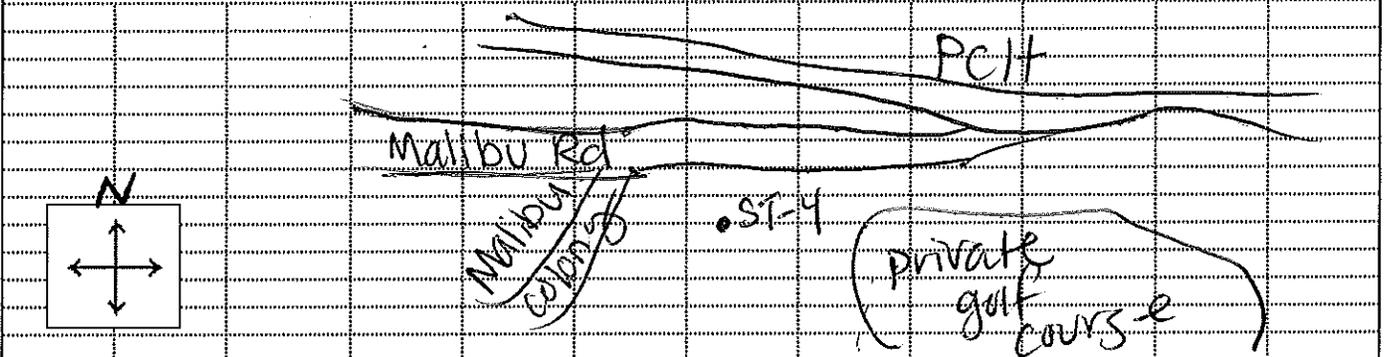
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL / DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER: _____

DESCRIPTION / SKETCH:

TERRAIN: HARD SOFT MIXED FLAT OTHER: gravel

PHOTOS: NESW

OTHER COMMENTS / SKETCH: _____



FIELD NOISE MEASUREMENT DATA

PROJECT: Malibu Waste Water Treatment Plant

PROJ. # 123.13

SITE IDENTIFICATION: ST-5 OBSERVER(S): Peter Hardie
 ADDRESS: Legacy Park
 START DATE / TIME: 11/4/13 2:02 pm END DATE / TIME: 2:17 pm

METEOROLOGICAL CONDITIONS:
 TEMP: 85.1 °F HUMIDITY: 32.6 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
 WINDSPEED: 1.1 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
 SKY: SUNNY CLEAR OVRCAST PRTLY CLOUDY FOG RAIN OTHER: _____

ACOUSTIC MEASUREMENTS:
 INSTRUMENT: 812 TYPE 1 2 SERIAL #: 0432
 CALIBRATOR: CAL 200 SERIAL #: 0045
 CALIBRATION CHECK: PRE-TEST 114.3 dBA SPL POST-TEST 114.4 dBA SPL WINDSCREEN ✓
 SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER: _____

REC #	START	END	L _{eq}	L _{max}	L _{min}	L ₉₀	L ₅₀	L ₁₀	OTHER: (TYPE?)
<u>ST-5</u>	<u>2:02pm</u>	<u>2:17pm</u>	<u>58.1</u>	<u>70.7</u>	<u>50.0</u>	<u>54.2</u>	<u>57.1</u>	<u>60.4</u>	_____

COMMENTS:
in the middle of Legacy park; gentleman chatted with me about 5 min into reading.

SOURCE INFO AND TRAFFIC COUNTS:
 PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER: _____
 ROADWAY TYPE: _____
 TRAFFIC COUNT DURATION: _____-MIN SPEED #2 COUNT SPEED
 NB/EB SB/WB NB/EB SB/WB NB/EB SB/WB NB/EB SB/WB
 AUTOS: _____
 MED. TRUCKS: _____
 HVY TRUCKS: _____
 BUSES: _____
 MOTORCYCLES: _____
 SPEED ESTIMATED BY: RADAR / DRIVING / OBSERVER
 OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

