

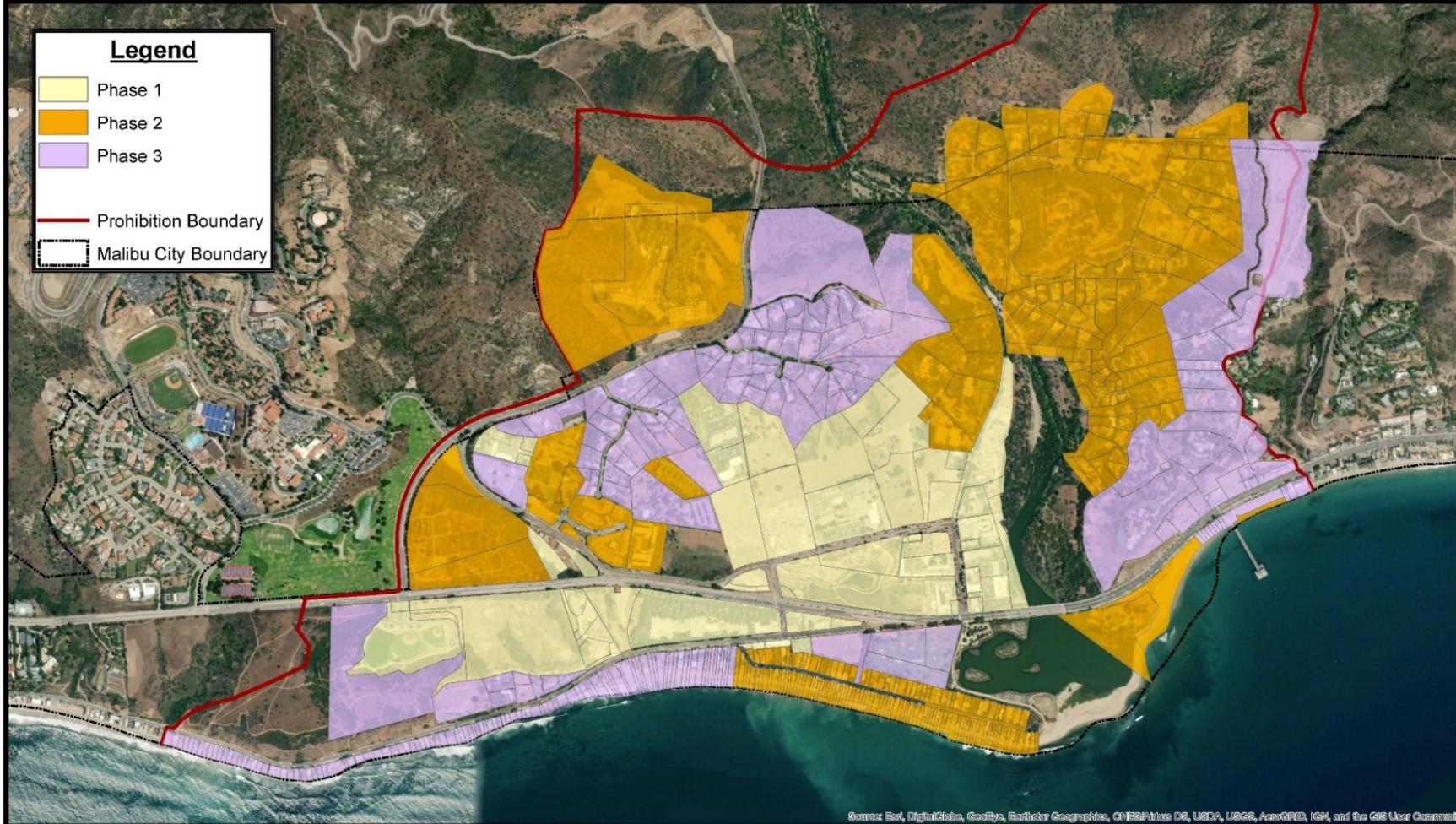
An aerial photograph of the Malibu coastline, showing the ocean, a sandy beach, and residential buildings. A small red square on the beach indicates the location of the water treatment facility. The text is overlaid on the left side of the image.

Malibu Civic Center Water Treatment Facility Phase Two

Community Update Meeting
May 27, 2021



City of Malibu Prohibition Area



- Phase 1 - Complete
- Phase 2 - 2024
- Phase 3 - 2028

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Phase Two Information

- 448 properties
 - 240 residential homes
 - 191 condominiums
 - 17 other properties
- General Areas:
 - Serra
 - Malibu Colony
 - HRL
 - Adamson House and Surfrider Beach
 - Condominiums on Civic Center Way, De Ville Way, and Vista Pacifica

General Project Overview



Source: Esri, DigitalGlobe, GeoEye, Earthstar/GeoGraphics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

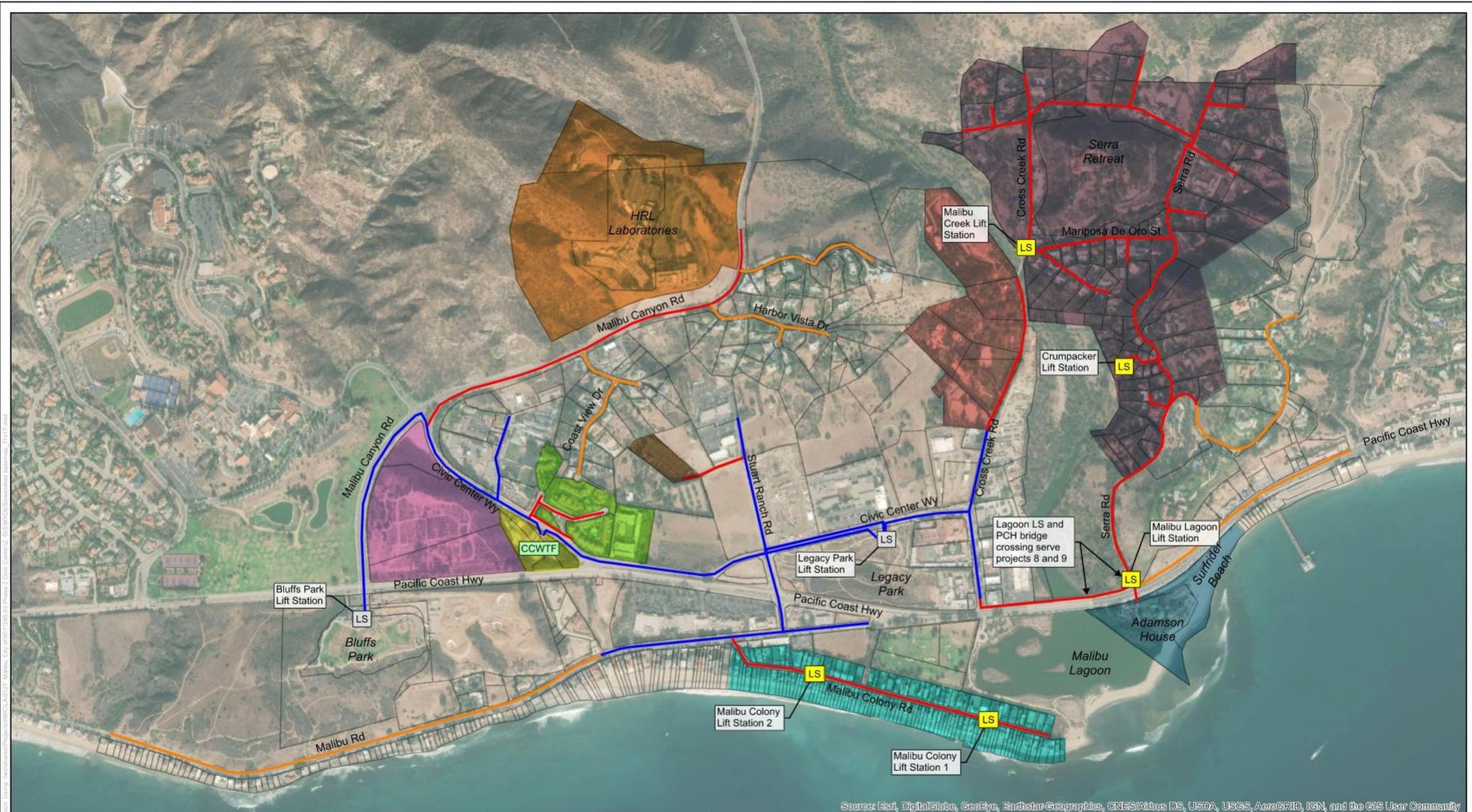
CCWTF Phase 2 - Overall Project Figure City of Malibu CCWTF Phase 2 Expansion Project	Legend Phase 1 Phase 2 Phase 3	Existing (Phase 1) Sewer and Recycled Water Pipelines PS Pump Station	Proposed (Phase 2) Sewer (gravity or forcemain) and Recycled Water Pipelines PS Pump Station	CCWTF Civic Center Water Treatment Facility Note: Future Phase 3 infrastructure are not shown.	0 250 500 1,000 Feet 	N 	 Map Created: March 2020
		<small>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. Data Sources:</small>					

Design Tasks

- Completed Design Tasks (**initiated August 2019**)
 - 50% Design submittal - Water Treatment Plant Expansion (**September 2020**)
 - 65% Design submittal - WW Collection and RW Distribution Systems (**December 2020**)
 - Certify CEQA Addendum and Coastal Development Permit (**February 2021**)

- Upcoming Design Tasks
 - Final Geotechnical Assessment (**June 2021**)
 - 90% Design submittals (**August 2021**)
 - Caltrans Permit (**August 2021**)
 - Final Design submittals (**December 2021**)
 - Bidding (**January/February 2022**)

Assessment Projects



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Sewer and RW Pipelines by Phase with Assessment District Projects City of Malibu CCWTF Phase 2 Expansion Project	Legend Project 1 (Yellow) Project 2 (Light Green) Project 3 (Pink) Project 4 (Brown) Project 5 (Orange) Project 6 (Cyan) Project 7 (Light Red) Project 8 (Purple) Project 9 (Blue)	Phase 2 Assessment District Projects	Sewer & RW Pipelines by Phase Phase 1 (Blue line) Phase 2 (Red line) Phase 3 (Orange line)	LS (White box) Existing Lift Station (Phase 1) LS (Yellow box) Proposed Lift Station (Phase 2) CCWTF (Green box) Civic Center Water Treatment Facility	Phase 1 and 3 Parcels (White box) Note: Phase 3 lift stations not shown. Scale: 0 250 500 1,000 Feet North Arrow	 Map Created: March 2021
		<p><small>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. Data Sources:</small></p>				

Estimated Project Costs By Assessment District Project

Project	Estimated Project Cost*	Benefited Area
Wastewater Treatment Facility (Existing Plant + Expansion) Injection Wells Phase 1 Contribution Phase 1 Collection System Oversizing Net Share to Phase 2	\$36,116,834 \$1,282,831 (\$23,096,409) \$1,799,533 \$16,102,789	Phase 1 + Phase 2
VP/DV Collection/Recycled Water Distribution Project	\$805,621	VP/DV Condos
Malibu Racquet Club Collection/Recycled Water Distribution Project	\$357,964	Malibu Racquet Club
Malibu Canyon Collection/Recycled Water Distribution Project	\$4,120,926	HRL
Malibu Colony Collection/Recycled Water Distribution Project	\$7,833,241	Malibu Colony
Serra Canyon South/West Collection/Recycled Water Distribution Project	\$1,391,702	Serra Canyon South/West of Cross Creek
Serra Canyon North/East Collection/Recycled Water Distribution Project	\$15,051,446	Serra Canyon North/East of Cross Creek
Malibu Lagoon Lift Station and Force Main	\$3,968,378	Adamson House/Surfrider Beach Serra Canyon North/East of Cross Creek
Crossing on PCH to Malibu Lagoon Lift Station	\$409,722	Adamson House/Surfrider Beach
Total	\$50,041,788	
*Preliminary, subject to change.		

Residential Wastewater Flow and Load Assumptions

Category	Flow (GPD)*	Load (Lbs/Day)*
1 Bedroom	140	0.366
2 Bedrooms	210	0.549
3 Bedrooms	280	0.731
4 Bedrooms	350	0.914
5 Bedrooms	420	1.097
6 Bedrooms	490	1.280
7 Bedrooms	560	1.463
8 Bedrooms	630	1.646
*Preliminary, subject to change.		

Estimated Total Phase 2 Assessments By Assessment District Project

Benefited Area	Preliminary Assessed Project Cost*	Preliminary Estimated Assessment*
Adamson House/Surfrider Beach	\$916,239	\$1,102,220
HRL	\$5,993,096	\$7,209,593
Malibu Colony	\$12,294,733	\$14,790,357
Malibu Racquet Club	\$685,338	\$824,450
Serra Canyon South/West of Cross Creek	\$1,658,735	\$1,995,430
Serra Canyon North/East of Cross Creek	\$22,662,003	\$27,262,009
VP/DV Condos	\$4,887,564	\$5,879,658
Webster Elementary School	\$735,520	\$884,819
Cemetery	\$208,559	\$250,893
Total	\$50,041,788	\$60,199,429
*Preliminary, subject to change.		

Preliminary Estimated Malibu Colony Assessments

Category	Preliminary Estimated Assessment*	Preliminary Estimated Annual Installment*
1 Bedroom	\$47,482	\$2,596
2 Bedrooms	\$71,222	\$3,894
3 Bedrooms	\$94,963	\$5,192
4 Bedrooms	\$118,703	\$6,490
5 Bedrooms	\$142,444	\$7,788
6 Bedrooms	\$166,184	\$9,085
7 Bedrooms	\$189,925	\$10,383
8 Bedrooms	\$213,665	\$11,681
*Preliminary, subject to change.		

Preliminary Estimated Serra Canyon S/W Assessments

Category	Preliminary Estimated Assessment*	Preliminary Estimated Annual Installment*
1 Bedroom	N/A	N/A
2 Bedrooms	N/A	N/A
3 Bedrooms	N/A	N/A
4 Bedrooms	\$267,568	\$14,628
5 Bedrooms	N/A	N/A
6 Bedrooms	N/A	N/A
7 Bedrooms	\$428,109	\$23,404
8 Bedrooms	N/A	N/A
*Preliminary, subject to change.		

Preliminary Estimated Serra Canyon N/E Assessments

Category	Preliminary Estimated Assessment*	Preliminary Estimated Annual Installment*
1 Bedroom	\$101,811	\$5,566
2 Bedrooms	\$152,717	\$8,349
3 Bedrooms	\$203,622	\$11,132
4 Bedrooms	\$254,527	\$13,915
5 Bedrooms	\$305,433	\$16,698
6 Bedrooms	\$356,338	\$19,481
7 Bedrooms	\$407,244	\$22,264
8 Bedrooms	\$458,149	\$25,047
*Preliminary, subject to change.		

Preliminary Estimated VP/DV Condo Assessments

Category	Preliminary Estimated Assessment*	Preliminary Estimated Annual Installment*
1 Bedroom	\$20,631	\$1,128
2 Bedrooms	\$30,946	\$1,692
3 Bedrooms	\$41,261	\$2,256
4 Bedrooms	\$51,576	\$2,820
5 Bedrooms	N/A	N/A
6 Bedrooms	N/A	N/A
7 Bedrooms	N/A	N/A
8 Bedrooms	N/A	N/A
*Preliminary, subject to change.		

District Formation Steps

- Preliminary Engineer's Report
- City Council Adopts Resolution of Intention
 - Approves Preliminary Engineer's Report
 - Calls Public or Protest Hearing
 - Minimum 45 days from Resolution of Intention
- Assessment Ballots Mailed
 - Ballots mailed to property owners of record
 - Must be returned prior to public hearing
 - Ballots tabulated following close of public hearing
 - Weighted by amount of assessment
- Assessment District Formation
 - Assessment District is established if a majority of the weighted votes does not oppose the district

Assessment Collection and Prepayment

- Assessment Collection
 - Assessment will be collected in installments on the County property tax bill
 - Assessments may be prepaid at any time
- Cash Payment Following Public Hearing
 - Property owners may pay off his or her assessment within 30 days of the public hearing in which case the payoff amount excludes financing costs

Tentative Assessment District Timeline

	2021												2022					
	Q1			Q2			Q3			Q4			Q1			Q2		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Financial Model																		
Preliminary Model for April and June 2021 Community Meetings																		
Approved Model for Preliminary Engineer's Report																		
Final Model Post Loan/Bond Closing																		
Draft Engineer's Report																		
Preliminary Engineer's Report																		
Community Meetings																		
Assessment District Formation Proceedings																		
City Council Adopts Resolution of Intention																		
Assessment Ballots Mailed																		
City Council Hold Public/Protest Hearing																		
Cash Collection Period																		



March 25



May 27



An aerial photograph of a coastal town, likely Malibu, California. The town is built on a hillside overlooking a large body of water, possibly a bay or lagoon. The water is a deep blue color. In the background, there are rolling hills and mountains under a clear sky. The text is overlaid on the water and the town.

Additional information available at
MalibuCity.org/CCWTF