1.6 feet

ATTACHMENT 1

1.6 feet, plus 1% Storm

ATTACHMENT 2

3.3 feet

ATTACHMENT 3

3.3 feet, plus 1% Storm

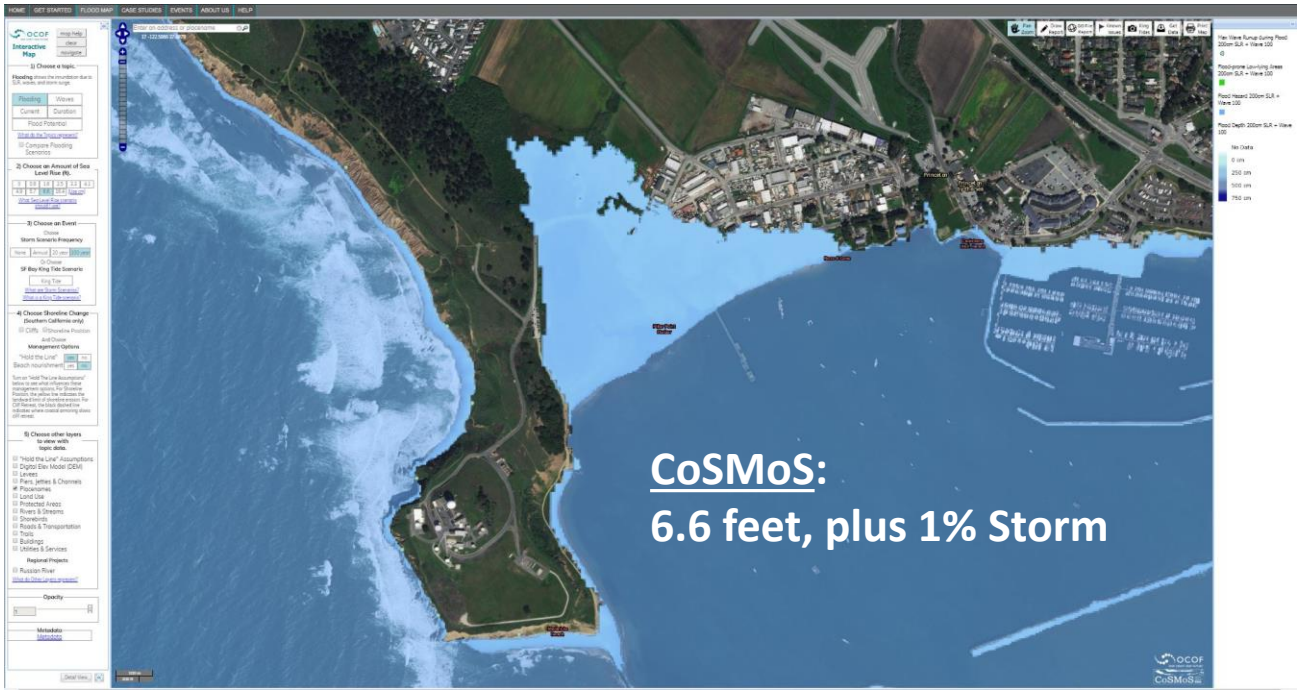
ATTACHMENT 4

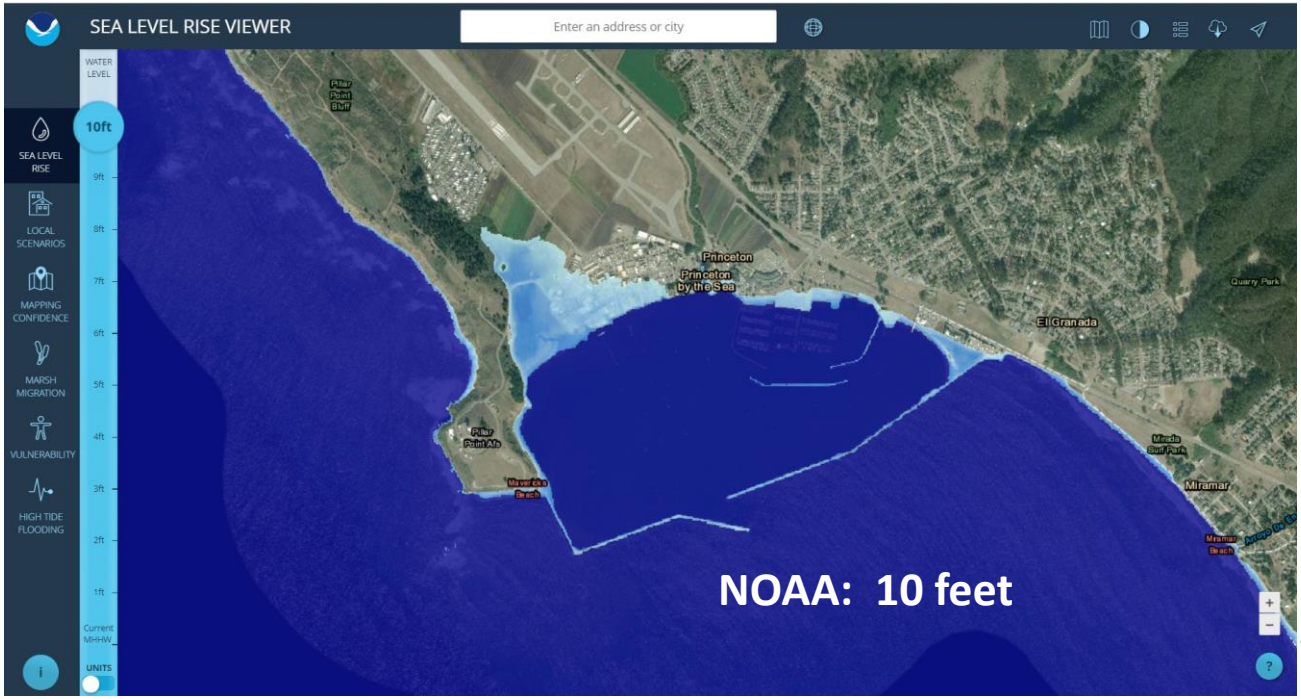
6.6 feet

ATTACHMENT 5

6.6 feet, plus 1% Storm

ATTACHMENT 6

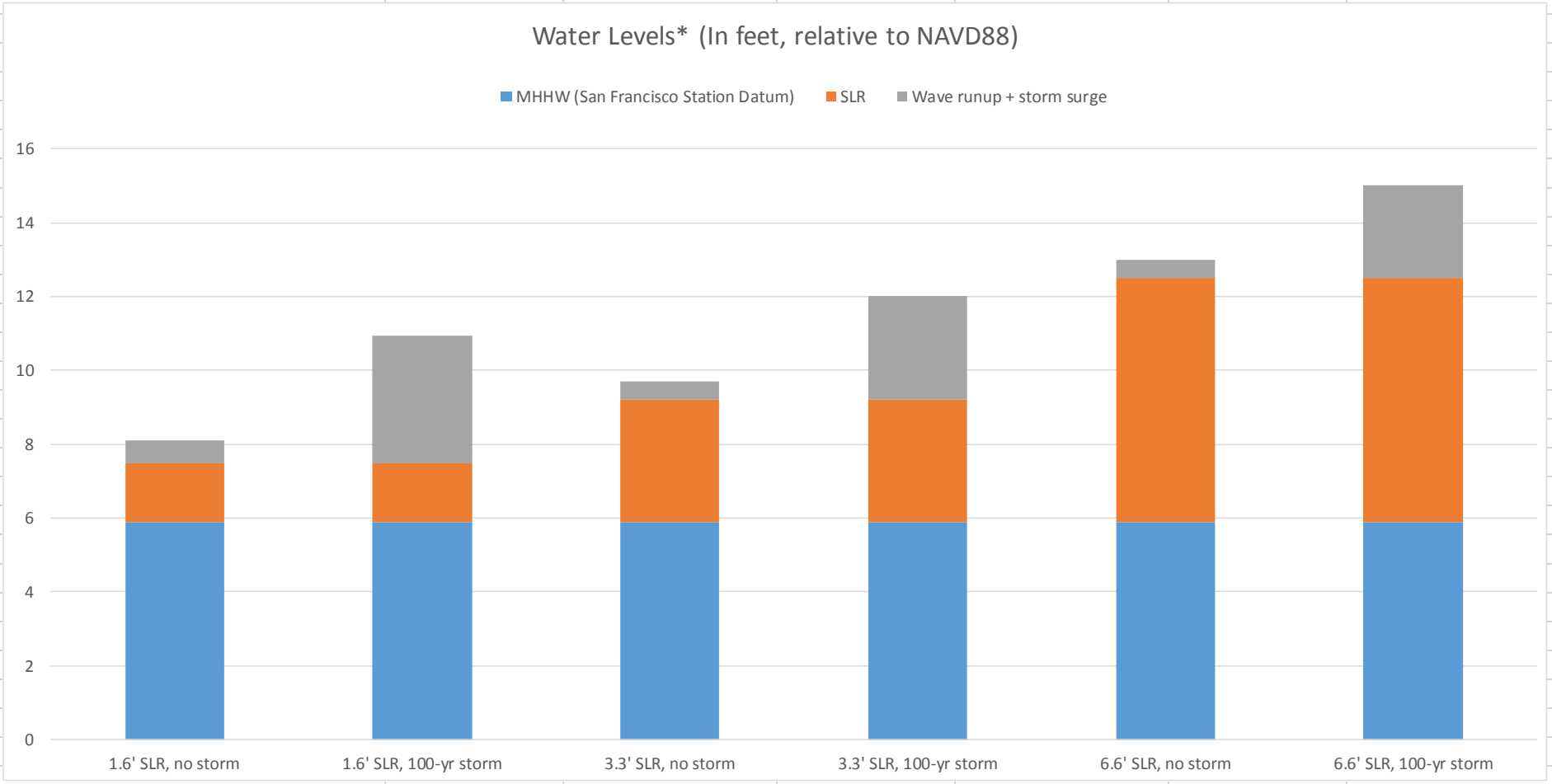




ATTACHMENT 7

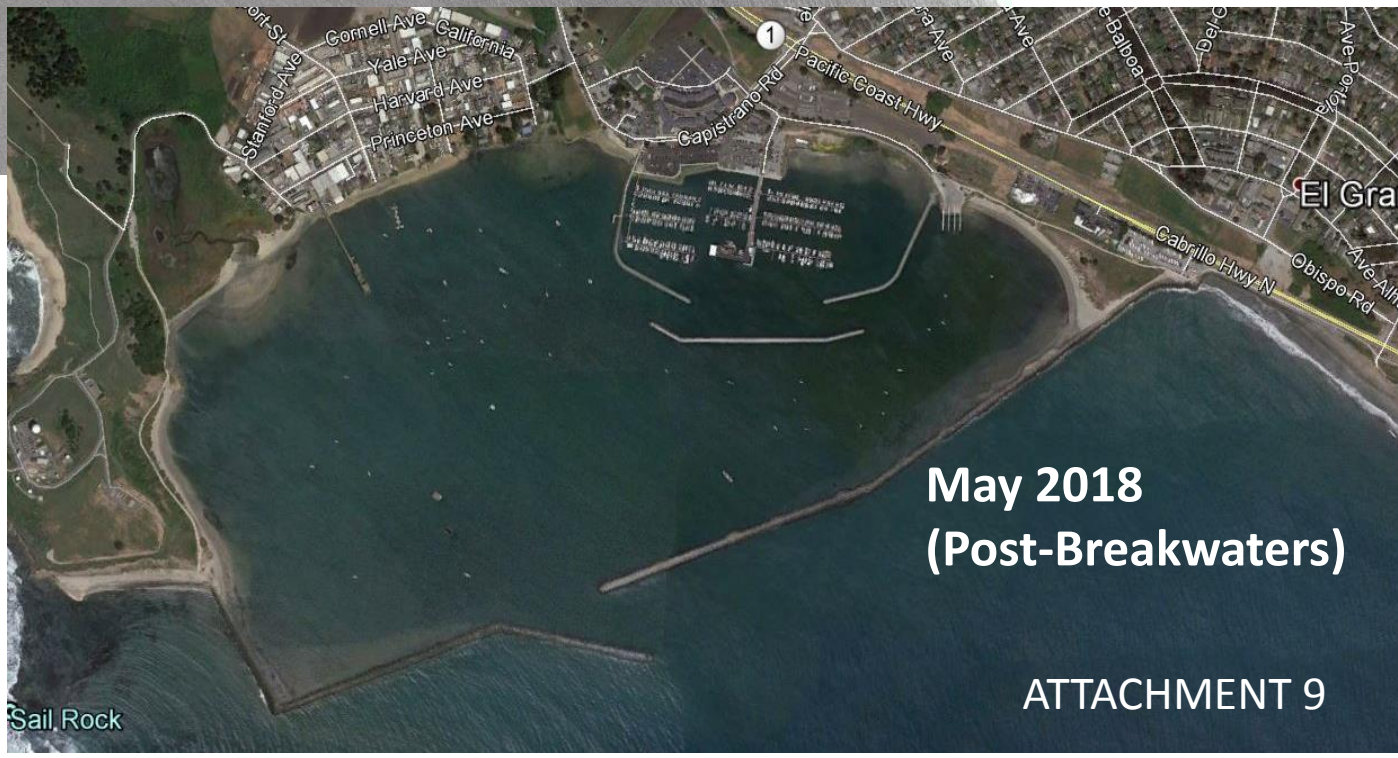
	1.6' SLR, no storm	1.6' SLR, 100-yr storm	3.3' SLR, no storm	3.3' SLR, 100-yr storm	6.6' SLR, no storm	6.6' SLR, 100-yr storm
MHHW (San Francisco Station Datum)	5.9	5.9	5.9	5.9	5.9	5.9
SLR	1.6	1.6	3.3	3.3	6.6	6.6
Wave runup + storm surge	0.59	3.44	0.51	2.83	0.5	2.51
Water Level*	8.09	10.94	9.71	12.03	13	15.01

* Average water level over the extent of Pillar Point Harbor flood area



ATTACHMENT 8

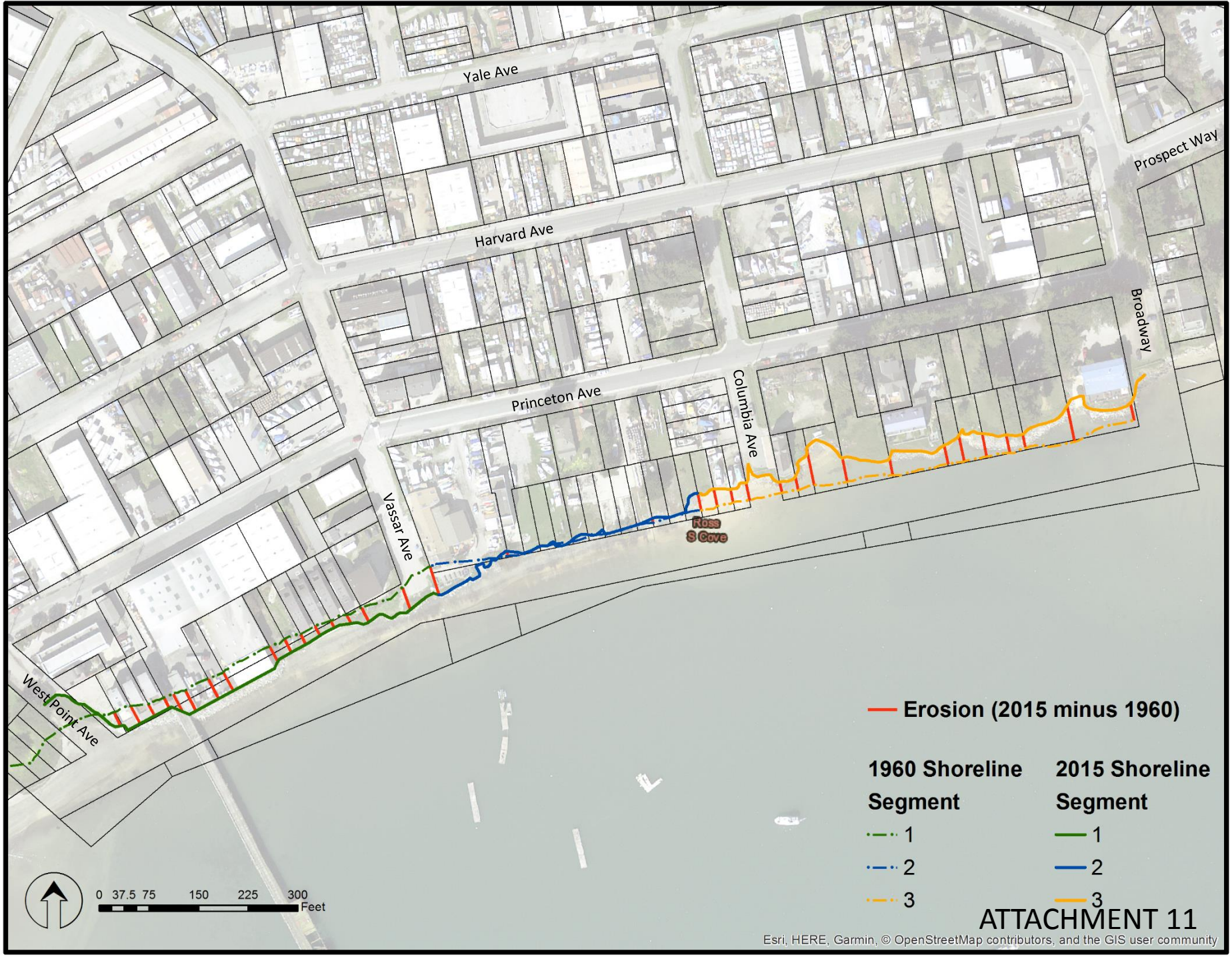
May 1956 (Pre-Breakwaters)



May 2018
(Post-Breakwaters)

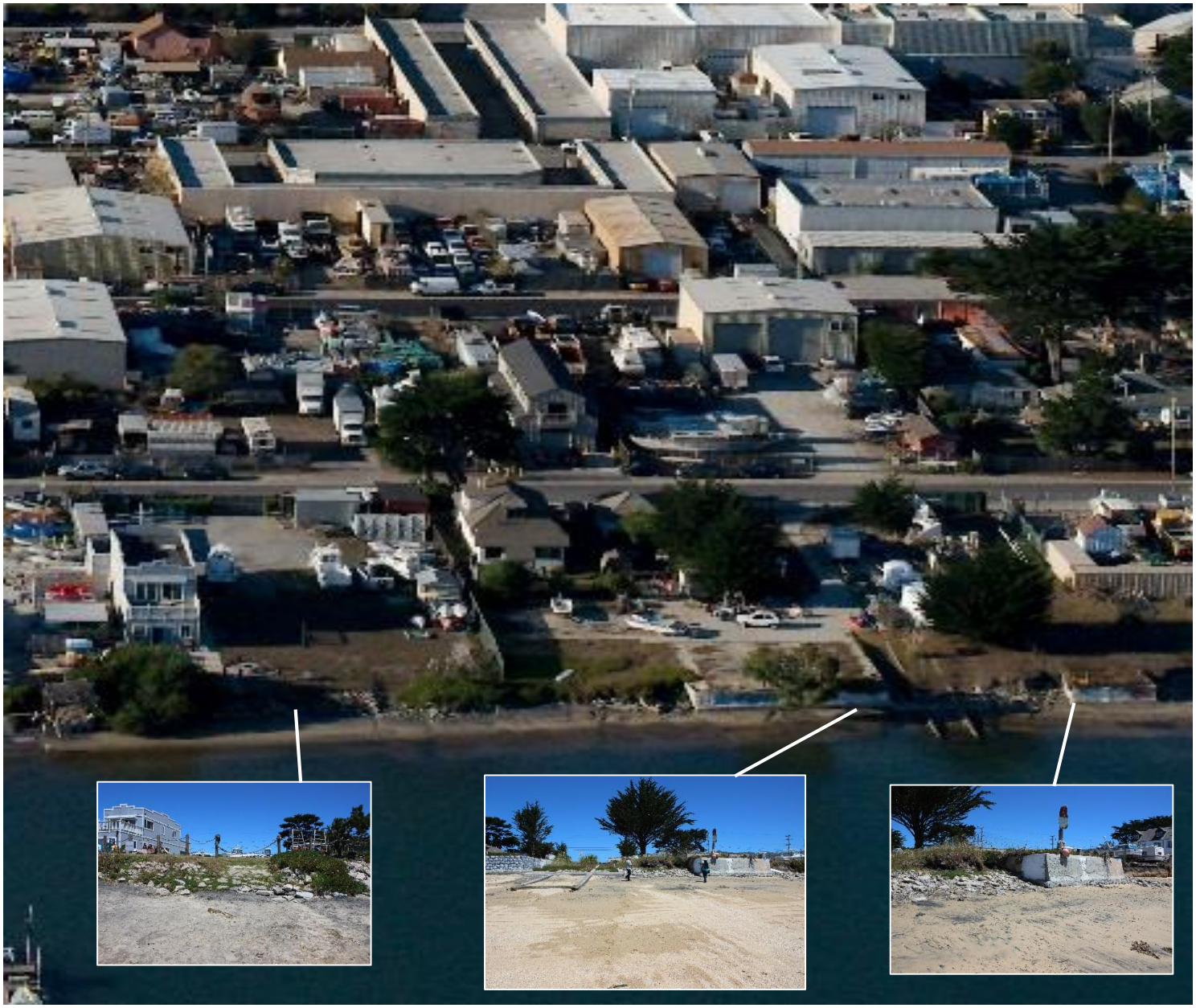
ATTACHMENT 9


Bay Airport
Airport St
Comell Ave
California Ave
Yale Ave
Harvard Ave
Princeton Ave
Columbia Ave
Stanford Ave
Vassar St
Bepa Way
Capistrano Rd
State Highway 1
Avenue Alhambra
Pillar Point Harbor Blvd
Johnson Pier
Carmel Ave
Valencia Ave
Columbus St
Francisco St
Palma St
Sonora Ave
Sevilla Ave
West Point St
West Point Ave
Pillar Point Marsh
Pillar Point
Inner Breakwaters
Western Shoreline Segment
Princeton Shoreline Segment
Eastern Shoreline Segment
East Breakwater
Outer Breakwaters
West Breakwater
ATTACHMENT 10


Yale Ave
Harvard Ave
Princeton Ave
Prospect Way
Broadway
Columbia Ave
Vassar Ave
West Point Ave
Ross
S Cove
Erosion (2015 minus 1960)
1960 Shoreline Segment
1
2
3
2015 Shoreline Segment
1
2
3
0 37.5 75 150 225 300
Feet
ATTACHMENT 11
Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community

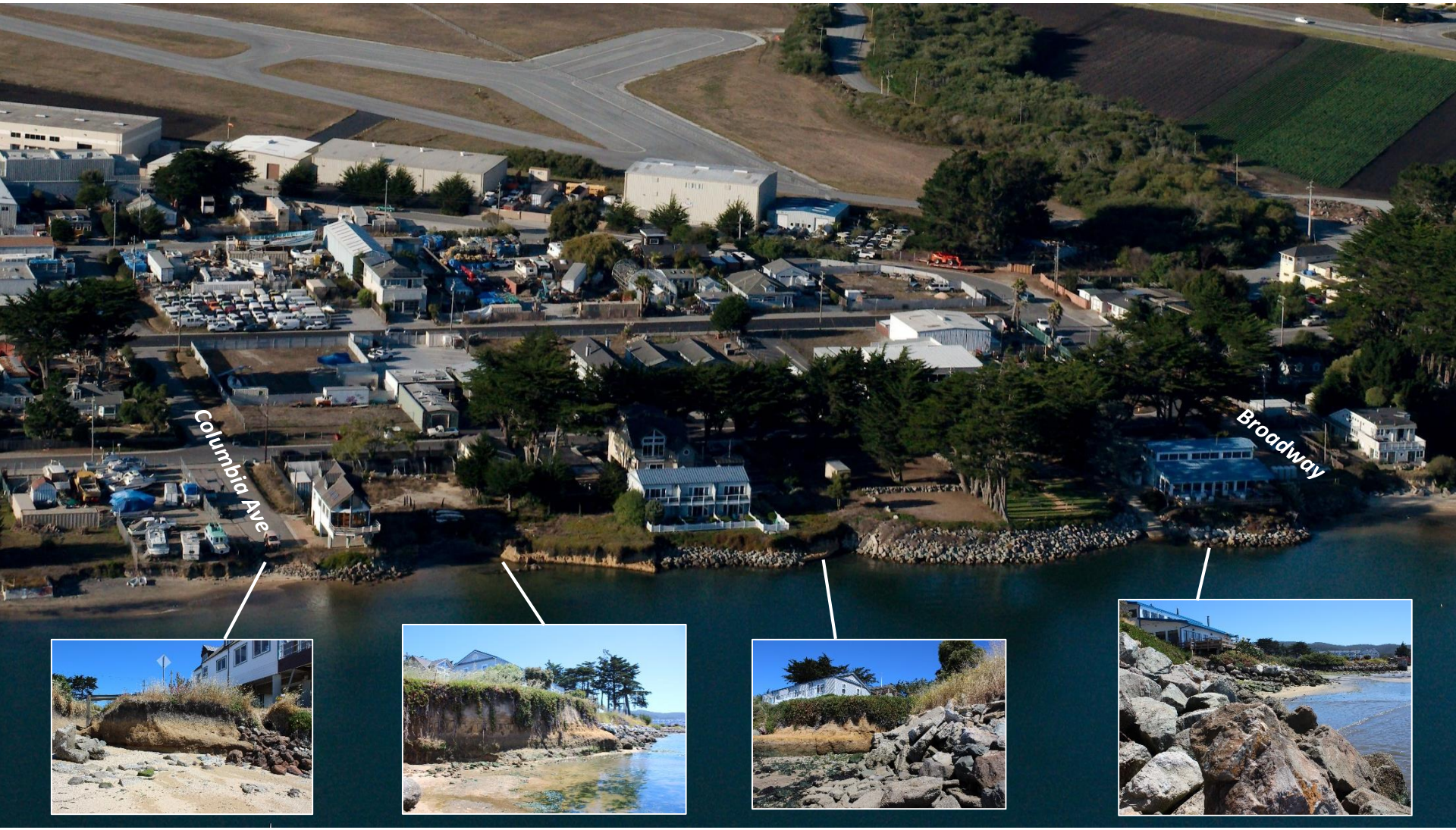
Princeton Shoreline
Segment 1

ATTACHMENT 12



Princeton Shoreline
Segment 2

ATTACHMENT 13



Princeton Shoreline
Segment 3

ATTACHMENT 14

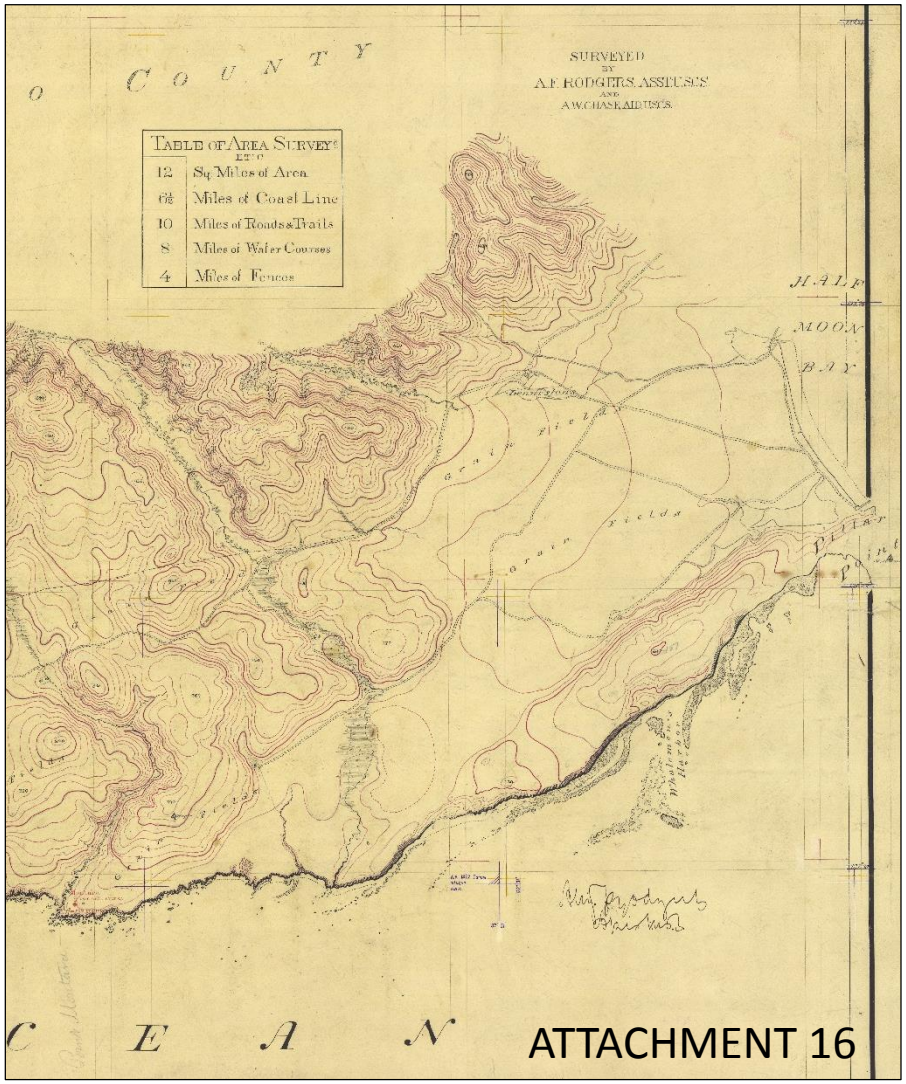

Half Moon
Bay Airport
Pillar
Point
Marsh
Pillar
Point
Creek
Denniston
Creek
Capistrano
Beach
Perched
Beach
Deer
Creek
Inner Breakwaters
Outer Breakwaters
West
Trail
Pillar
Point
Airport St
West Point St
West Point Ave
Cornell Ave
California Ave
Yale Ave
Harvard Ave
Princeton Ave
Stanford Ave
Vassar St
Columbia Ave
Broadway
Capistrano Rd
Johnson Pier
Pillar Point Harbor Blvd
State Highway 1
Avenue Alambra
Bonita St
Retiro St
Culebra Ln
La Granada St
Coronado St
Barranca St
Coral Reef Ave
Alcatraz Ave
Peralta Ave
Presidio Ave
Escondita Ave
Sonora Ave
Madrid Ave
Sevilla Ave
Madrona Ave
Almeria Ave
Avenue Granada
Solano Ave
Montecito Ave
Paloma Ave
Carmel Ave
Valencia Ave
Vallejo St
Columbus St
Francisco St
Avenue Balboa
San Carlos Ave
Ferdinand Ave
San Juan Ave
Palma St
The Alameda
ATTACHMENT 15
0 250 500 1,000
Feet

1861

Title: Vicinity of Half Moon Bay, California
Type: T-Sheet
Scale: 1:10000
Publisher: U.S. Coast Survey

1866

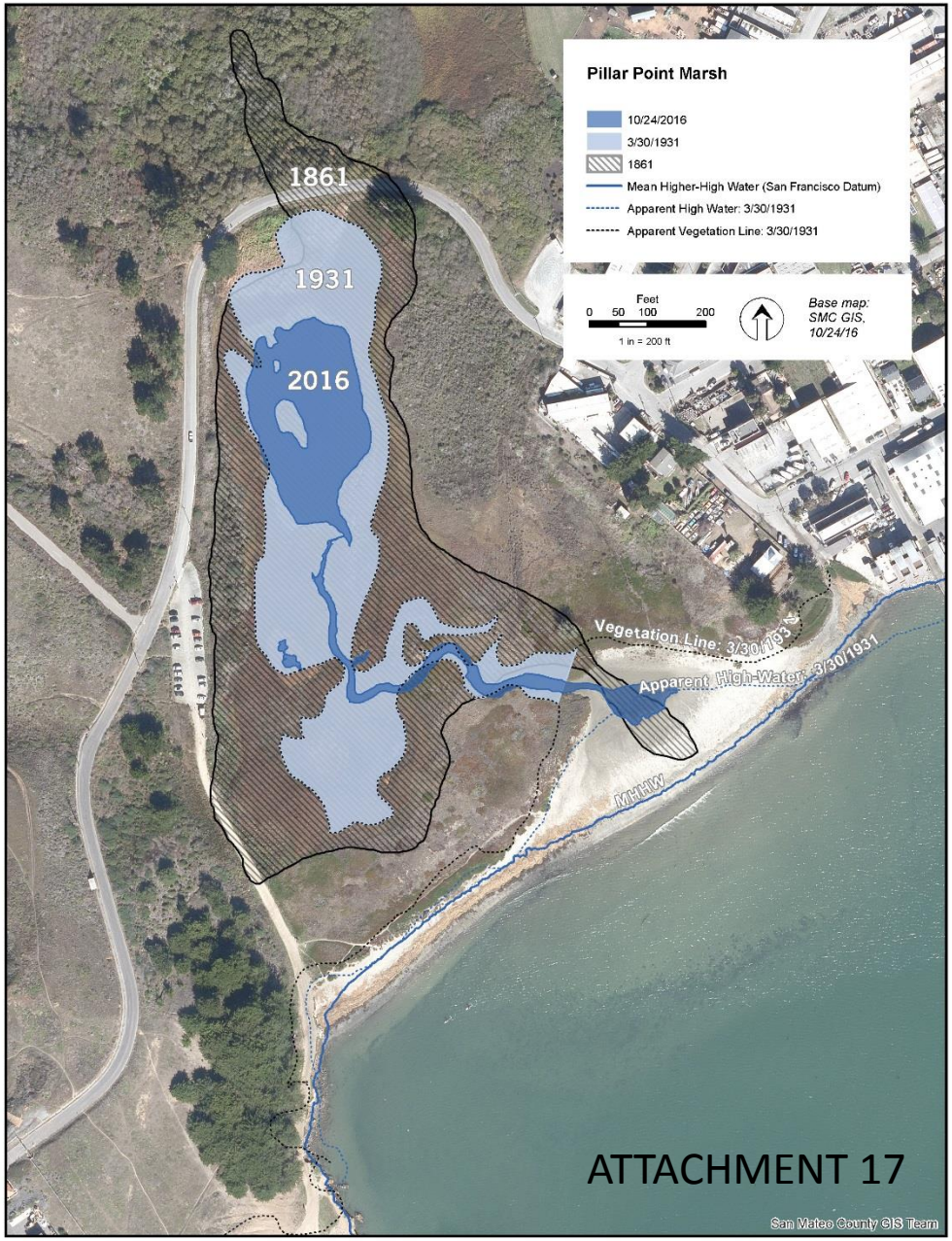
Title: Coast Between Pt San Pedro and Pillar Pt., California
Type: T-Sheet
Scale: 1:10000
Publisher: U.S. Coast Survey



ATTACHMENT 16

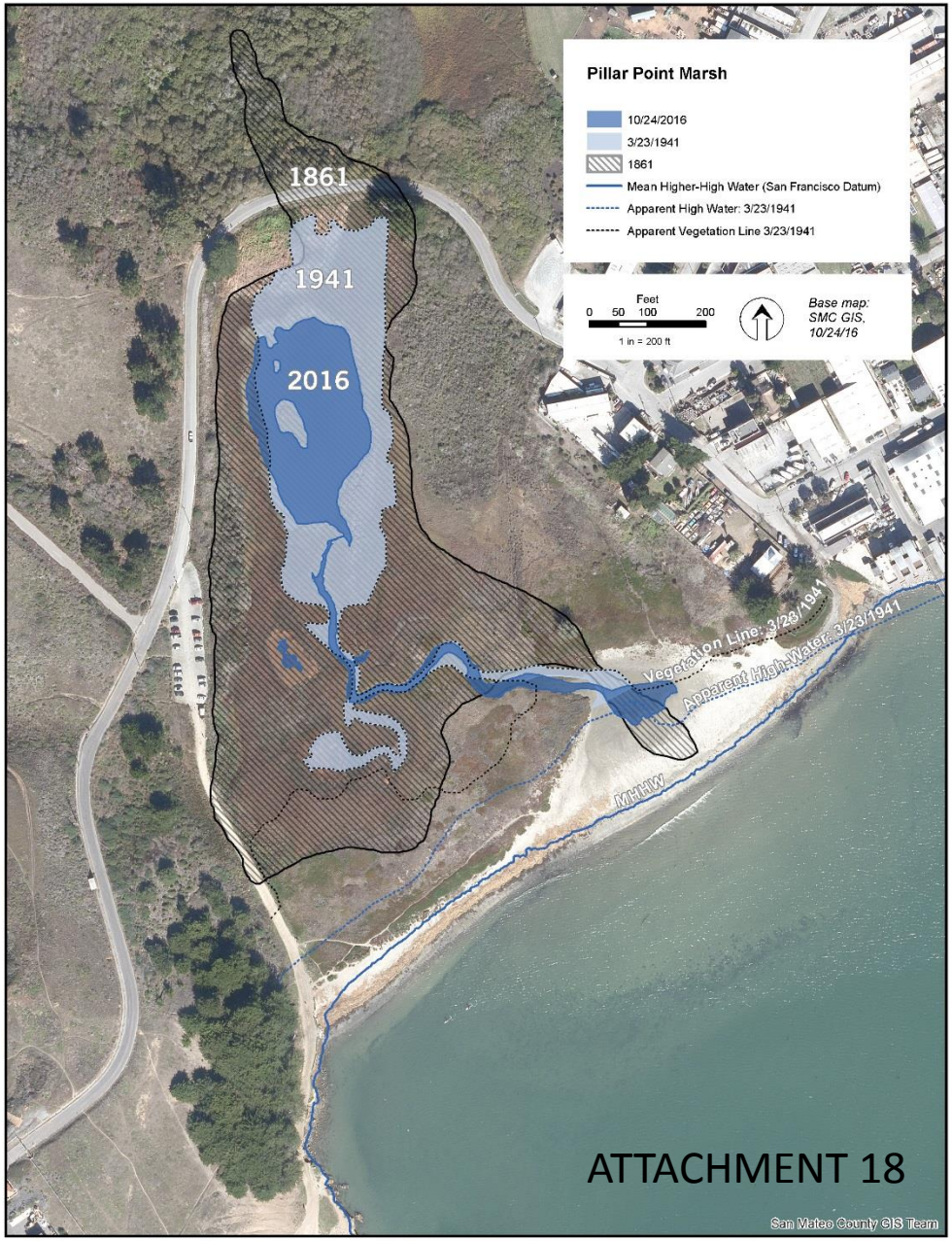
March 30, 1931

Source: Flown by: Fairchild Aerial Surveys; Contractor/requestor: Western Gulf Oil Co.; Scale: 1:18,000



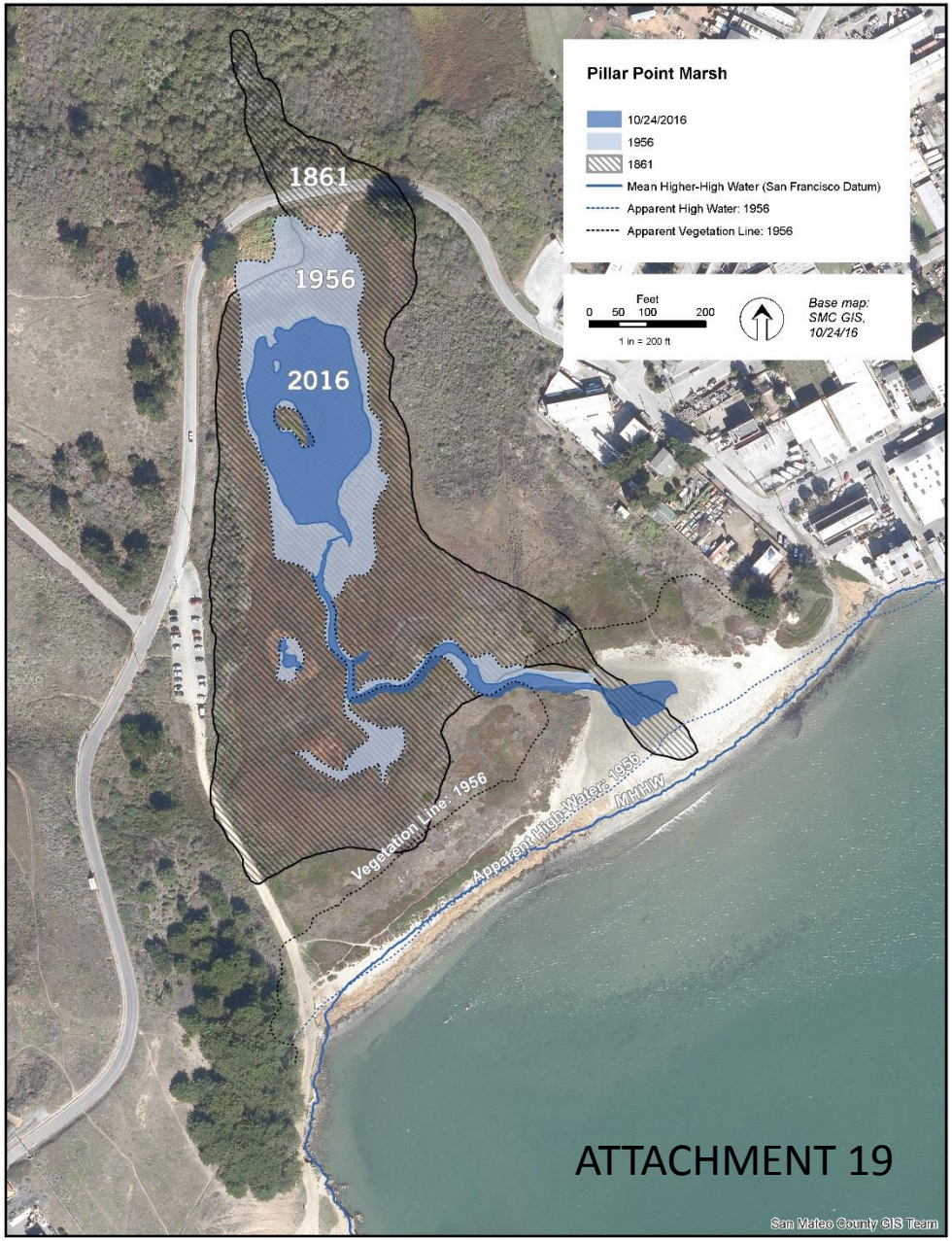
April 12, 1941

Source: Flown by: Fairchild Aerial Surveys;
Contractor/requestor: San Mateo County;
Scale: 1:7,200



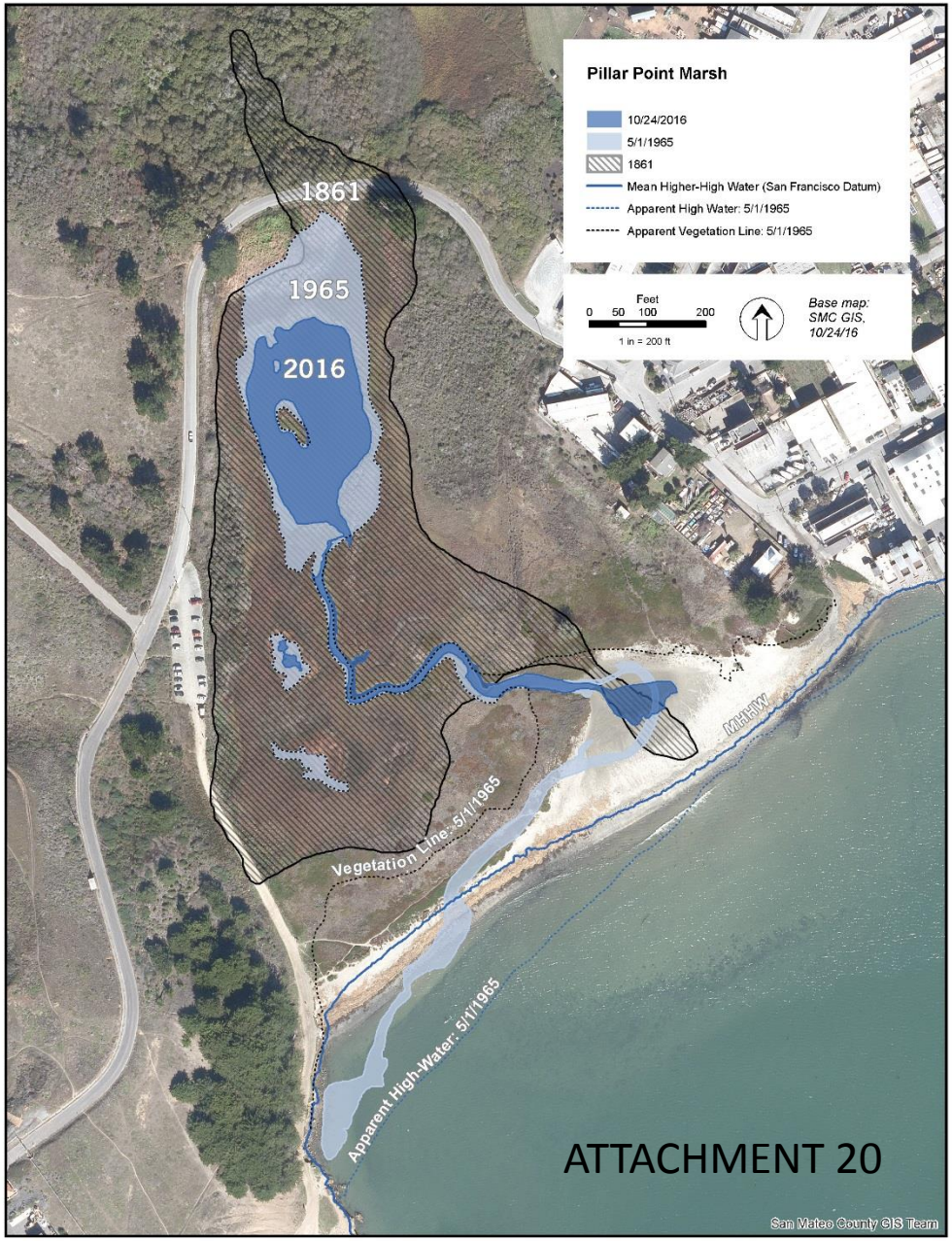
1956

Source: Flown by: Aero Services Corporation; Contractor/requestor: USDA – Commodity Stabilization Service;
Scale: 1:20,000;



May 1, 1965

Source: Flown by: Cartwright Aerial Surveys; Contractor/requestor: California Division of Highways;
Scale: 1:12,000

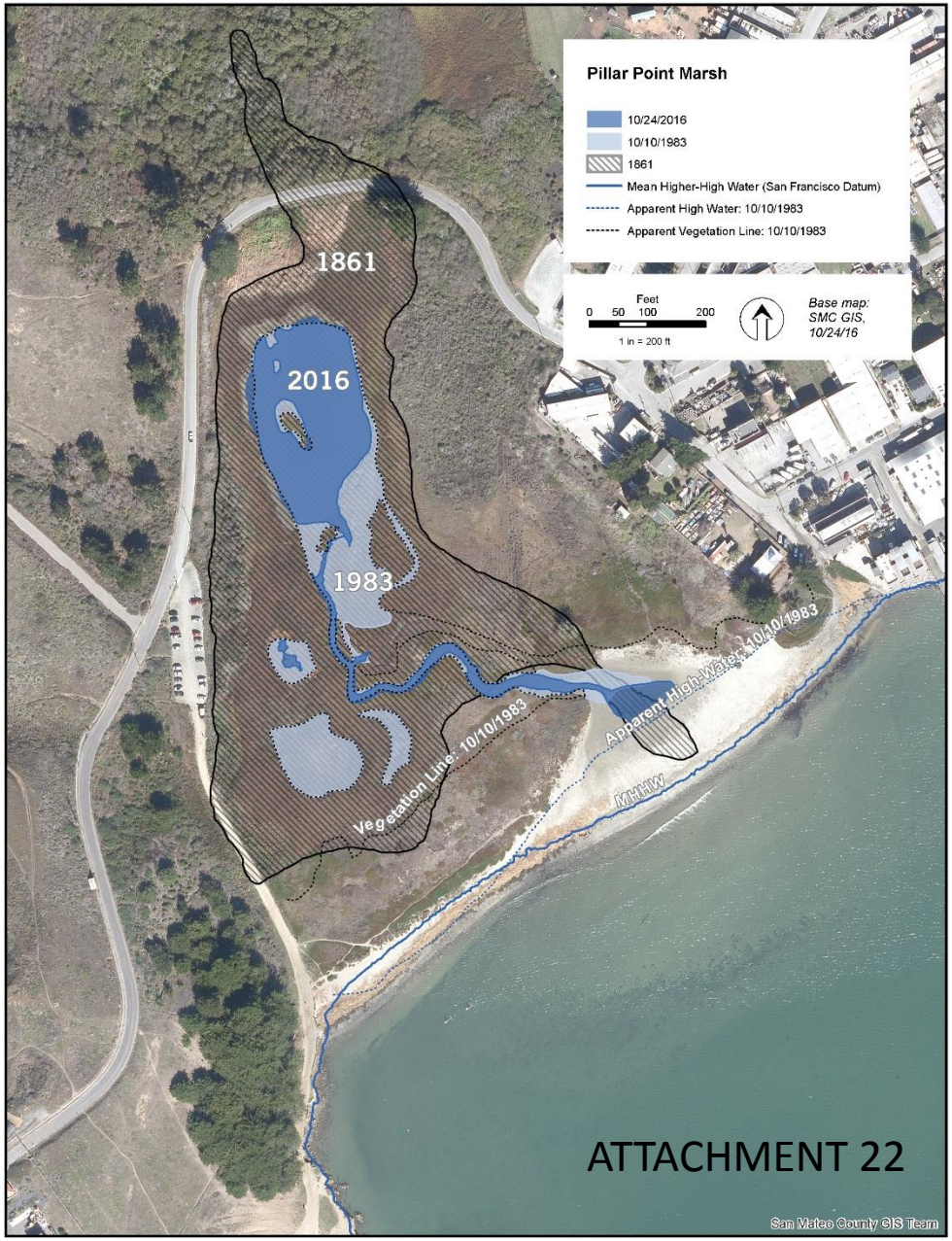


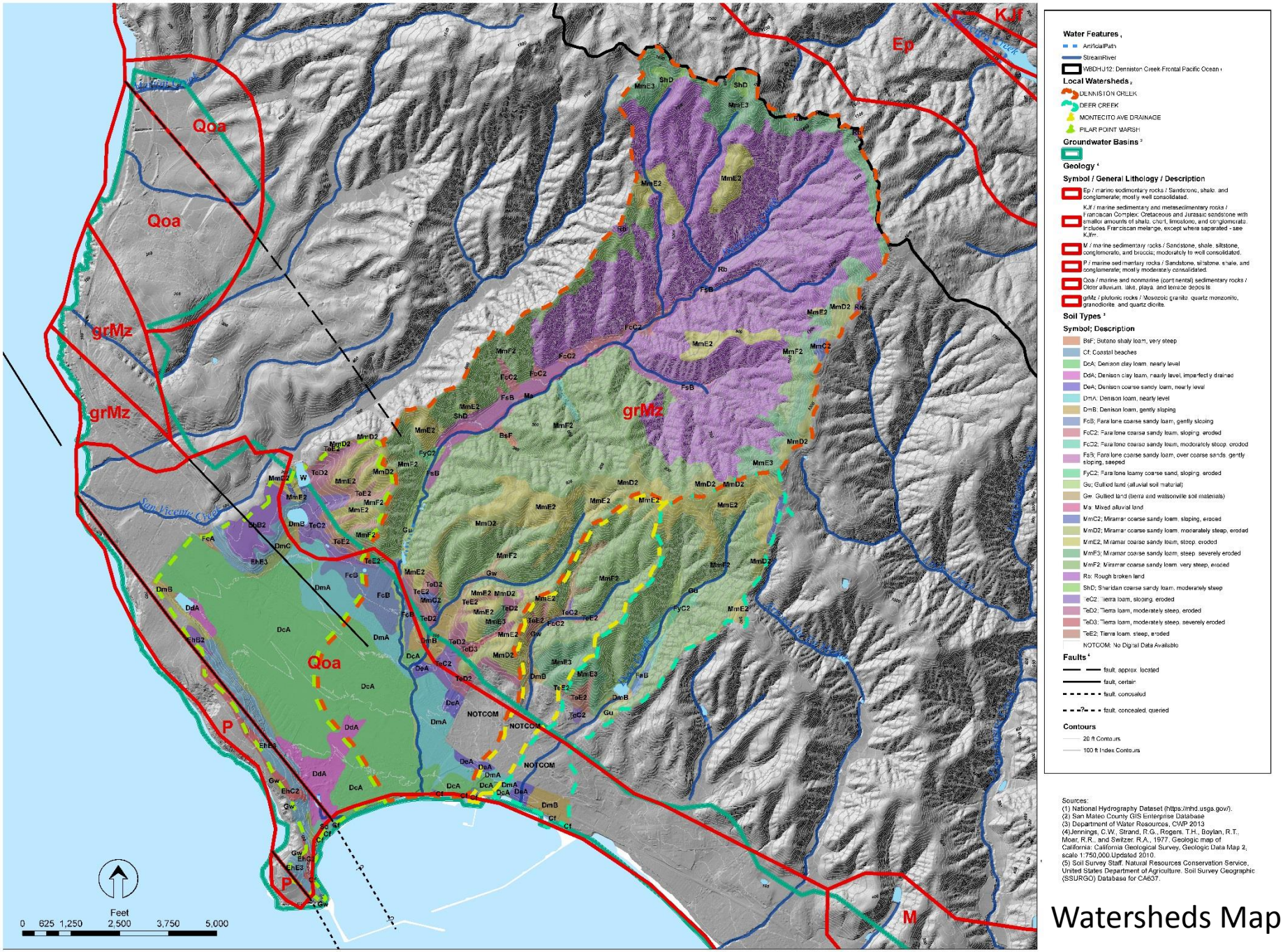
June 7, 1974

Source: Publisher: U.S. Geological Survey (USGS) Earth Resources Observation and Science (EROS); Series Name: Single Frame Aerial Photography; Scale: 1:20,000

October 10, 1983

Source: Publisher: U.S. Geological Survey (USGS) Earth Resources Observation and Science (EROS); Series Name: Single Frame Aerial Photography; Scale: 1:15,032





Sources:
(1) National Hydrography Dataset (https://nhd.usgs.gov/).
(2) San Mateo County GIS Enterprise Database
(3) Department of Water Resources, CWP 2013
(4)Jennings, C.W., Strand, R.G., Rogers, T.H., Boylan, R.T., Moar, R.R., and Switzer, R.A., 1977, Geologic map of California: California Geological Survey, Geologic Data Map 2, scale 1:750,000.Updated 2010.
(5) Soil Survey Staff. Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) Database for CA637.

Watersheds Map

ATTACHMENT 23