



DEPARTMENT OF ANTHROPOLOGY
510/642-3392

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FAX: 510/643-8557

February 5, 2017

To City of Richmond, Point Molate Community Advisory Committee

RE: Proposed Limited Archeological Excavation/Preservation of Historic Shrimp Camp Site in Pt. Molate Park Beach

I am writing as a historical archaeologist with a long-term interest in the historical archaeology of the Bay Area and faculty at the University of California. It was brought to my attention that a brick foundation, potentially related to the 1870-1915 Chinese Shrimping Camp at Point Molate had been exposed due to slumping of the ridge along the beach. At this point, the visible part of the foundation is no more than a few feet wide. I visited the site last week with Melinda McCrary, Jan Gilbrecht, Pam Stello, TJ Gehling and others to walk the beach and evaluate the visible brick feature.

This site has been previously recorded as CA-CCO-506H and is believed to contain archaeological deposits with the potential to make important contributions to our understanding of California history.

An expert from the Chinese Historical Society in Los Angeles believes this feature could potentially be a shrimp-boiling hearth. Examples found elsewhere are about four feet wide and as long as 12 feet. Based on what is visible and the nature of the exposed bluff, I don't foresee an excavation of more than a meter or so being necessary to define the feature and stabilize it. Working from the beach side of the bluff, it would be possible to expose the feature through excavation for documentation and recovery of associated artifacts.

Given the ongoing rains and the visibility of the feature, it is at risk from both human and natural impacts. Mitigation of this sort is appropriate for managing at risk archaeological features. I am aware of the wonderful work with natural grasses within the park, and I think as part of backfilling excavations, it would be possible to create a better sloped environment in this small part of the beach for the success of the plants.

I have over 25 years of experience excavating historical archaeological sites in California and would undertake this research with labor, equipment and expertise for the excavations and reporting on the work being undertaken by the university at no cost to the city. Any artifacts recovered would be housed with the Richmond Museum of History.

Therefore, I am writing to inform the Committee of this find at Pt. Molate and keep you apprised of how this develops.

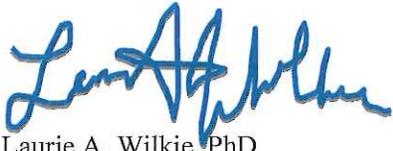
We will also be contacting the City's Historic Preservation Commission and are seeking the following from the City of Richmond:

7c.1

1. that the Department of Anthropology be granted permission to define this feature through limited excavation with a team of Berkeley students and associated scholars with expertise in Chinese Diaspora historical archaeology;
2. that the City support the protection of this potential component of the archaeological site by assigning a staff member to work with the University to provide the assistance of the City to complete a preliminary investigation of this feature on City Park Land
3. that the affected portion of the beach be protected until such investigation can be completed.

Needless to say, this request is somewhat time sensitive, but ultimately, I believe could result in the recovery of important insights into the history of Richmond and provide more information to the Park about how to best manage cultural resources at the site.

Sincerely,



Laurie A. Wilkie, PhD
Chair, Department of Anthropology

Point Molate Beach Park

Alternatives Study Report

DRAFT

January 24, 2017

Prepared for

Nichols Consulting Engineers

By

A-N West, Inc.

Consulting Civil and Structural Engineers

Existing Site Conditions

The Beach Erosion Assessment for the Beach Park shows that the bluff along the north end of the Park northwards to the existing revetment has receded due to a combination of storm drain outfall failure and natural shoreline processes resulting from the action of tides, waves, wind, seepage and rain.

Further along the beach to the south, the bluff is continuing to recede to a lesser extent.

The extent of bluff recession is shown on Exhibits 1 and 2.

Phased Approach

The immediate need is to address the erosion where the bluff has moved back to the proposed trail alignment at the north end of the Park.

Phase 1 addresses approximately 400 feet of shoreline at the north end of the Park. The aim is to protect the trail and to halt the active erosion both at the north end of the Park and further down the beach to the south. Two alternatives for partial shoreline restoration have been selected from the design concepts considered. The expectation is that both alternatives will halt the erosion to the south because the shoreline is effectively being restored to that of an earlier time. There could be localized beach erosion occurring just past the end of Phase 1 construction.

Phase 2 addresses the beach to the south that is presently under active erosion. Because the extent of the effect of the Phase 1 restoration on the beach to the south cannot be determined, the Phase 2 process will take place several years after completion of Phase 1. This process will involve an appraisal of bluff changes and the taking of appropriate actions to improve the shoreline. These actions may involve different types of bluff stabilization to those of Phase 1.

Description of the Design Alternatives for Phase 1

It would be expected that restoring the beach out to nearer the 1987 bluff line at the location of greatest recession would be most effective in halting further recession along the beach to the south. However, partial restoration should be sufficient to halt further recession at a reasonable cost.

No borings have been taken at the site. The further development of the adopted Alternative will require soils borings and evaluation of soils data to confirm the suitability of the design, to set design criteria, specify materials, and to finalize dimensions.

The existing outfall drains the watershed at the back of the shore. This drain has not been maintained for many years. This deferred maintenance now needs to be addressed by repair of the remaining drainage line and reconstruction of the outfall to the extent and in a form compatible with the partial shoreline restoration.

In summary, the design Alternatives need to:

-
1. Repair and protect the bluff at the proposed trail to the north of the Park to ensure that the trail will not be damaged in the future
 2. Prevent recession at the restoration and prevent further recession along the beach to the south.
 3. Incorporate a repaired and restored storm drain outfall

Two design alternatives have been developed. Both use traditional and well tested forms of construction used for marine waterfront structures.

Alternative A - Revetment

The plan and typical section for the Alternative A is included as Exhibits 3 & 4.

This alternative uses processed rock materials.

The advantages of this revetment alternative are:

- Limited types of materials used and associated lesser complexity
- Lower cost
- Better wave energy reduction
- Negligible impact on existing bank material which may include cultural resources

Alternative B2 - Piled Wall

The plan and typical section for the Alternative B2 is included as Exhibits 5 and 6.

This alternative uses precast concrete and processed rock materials. Precast concrete is preferred over reinforced concrete because of the greater care that can be taken at a precast yard and the resulting more durable and higher quality concrete. Precast prestressed concrete rectangular piles and precast panels are connected. Pre-drilling of holes for the piles would allow better control of the positioning and alignment of the piles and assist driving through hard material.

The vertical wall reflects wave energy which requires a blanket or apron of rock protection in front to prevent scour erosion of the beach and the resulting reduction in lateral support to the piles.

The final portion of the protection to the south is like Alternative A. If the piled wall were to be extended the full length and abruptly terminated, there would be erosion caused by reflected wave energy.

The advantages of the precast concrete concept are:

- Limited or no cofferdam construction in comparison with reinforced concrete construction

The disadvantages of the precast concrete concept are:

- More types of materials, more types of equipment used and greater complexity of construction
- Higher cost than for a processed rock revetment

Two alignments were initially considered for this wall. Alignment B1 was closer to the trail. Alignment B2 is further out from the trail alignment beyond the 2002 top of bluff line. Alignment B1, being close in alignment to the present bluff would result in continuing active erosion further down the beach to the south and therefore did not meet the second need of the project. Alignment B2 also has the added advantage of limiting wave spray on the trail.

Both selected Alternatives involve only partial restoration of the shoreline over the portion of beach extending approximately 400 feet from the existing revetment. The approximate percentage restoration by volume for both Alternatives is about 50 percent of the volume of material eroded since 1987.

Both Alternatives are shown with bluff protection extended to TS Station 12+90 on Exhibit 3. Further extension to the south would limit the accessible area for park users. The attractiveness of the Beach Park is dependent on its being perceived as a natural shoreline park.

Other Concepts Considered

Sheet piling was not considered because of the potential for rock being close to the surface. If borings proved otherwise, then this might be considered further. However, the form of construction would be like that of Alternative B2 - Piled Wall.

Reinforced concrete walls were considered. A conventional cantilever type wall founded in the underlying soils would be feasible, A cofferdam along the front of the wall would be required to allow work to proceed in the dry. Precast concrete is preferred for marine concrete construction due to its greater durability.

Steel sheet piling and reinforced concrete construction are more susceptible to corrosion than precast concrete construction.

Other shoreline protection measures such as gabions and articulated mats are not suitable for saline water, due to deterioration resulting from corrosion.

Environmental Considerations

Cultural Resources

It is understood that the site may have remains of an Indian settlement. Preferably the existing beach should not be disturbed. If it is necessary to disturb the soils, such sites are subject to monitoring during construction, screening of excavated soil, and removal of remains to one of a limited number of approved custodial locations able to accept the remains. The design Alternatives under consideration will result in negligible disturbance of existing soil.

Relationship with respect to Mean High Water

The restoration alternatives show limited extension beyond the 1987 top of bluff line. It is believed that recession began before 1987. Partial restoration construction can be assumed as terminating behind the mean high water line at the start of beach recession.

Construction Feasibility

The feasibility of constructing the two alternatives with reduced environmental impact has been considered.

Alternative A - Revetment

A buttress of rockfill is constructed in front of the existing eroded bluff by means of dumping and grading out with a dozer and excavator, working out from the existing revetment. The buttress is built up full height to the existing grade. Crane mats are placed and a crane with clamshell and grapple are

used to excavate the key and place rock on the flank of the rockfill buttress. After placing the armor rock, the very top of the buttress is taken down and the rockfill material replaced with stone to the typical section shown in Exhibit 4.

Should borings show the presence of hard material at the key, then the rockfill material could be ramped down at about 15 percent slope for access by a tracked rock breaker. Following this operation, the buttress would be raised full height.

Alternative B2 - Piled Wall

A buttress of rockfill is constructed in front of the existing eroded bluff by means of end dumping and grading out with a dozer, working out from the existing revetment. The buttress is built up full height to the existing grade. Crane mats are placed and a crane used to drive the piles which could weigh up to approximately 20 ton. After excavating and placing the apron rock, precast panels would be installed and lightweight fill placed as backfill to the panels.

Should borings show the presence of hard material, then predrilling of piles would be necessary.

Should borings show the presence of hard material at the apron, then the rockfill material could be ramped down at about 15 percent slope for access by a tracked rock breaker. Following this operation, the buttress would be raised full height.

Construction Cost

Budget construction cost estimates have been made for Alternative A - Revetment and Alternative B2 - Piled Wall. These are shown in Exhibit 7.

The cost of Alternative A is about half that of Alternative B2.

A contingency of 40 percent has been used for the alternatives. Both alternatives are dependent upon certain assumptions regarding the subsurface conditions and will need to be confirmed.

In the case of Alternative A, no rock breaking for the key has been assumed. Sufficiently compact material is assumed to be present below the buttress and associated preliminary excavation is assumed as being minimal.

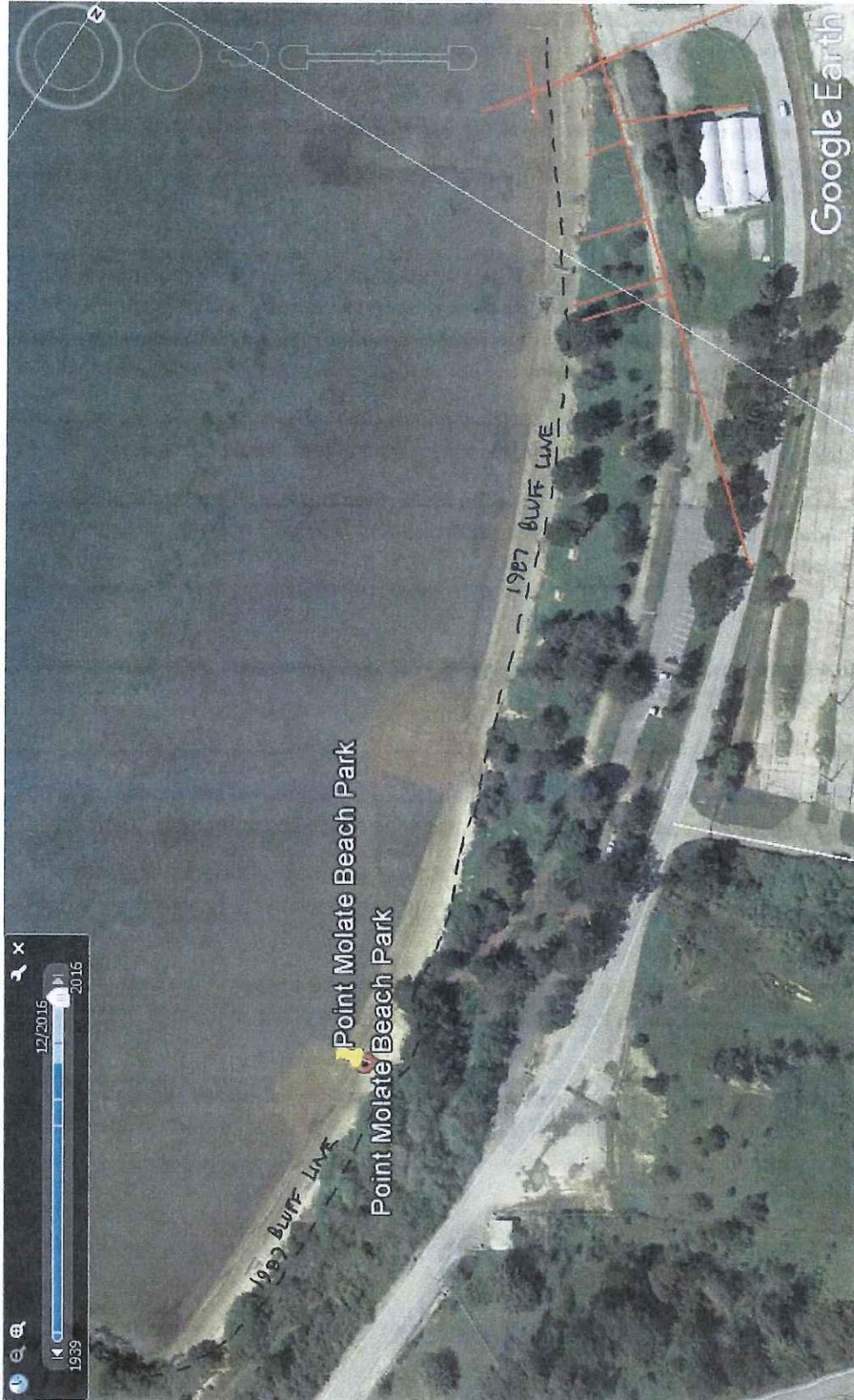
In the case of Alternative B2, no predrilling for piles nor rock breaking for the apron has been assumed. Sufficiently compact material is assumed to be present below the buttress and associated preliminary excavation is assumed as being minimal.

For this budget estimate, the rockfill has been assumed to be reasonably well graded angular rock fragments, and the rock armor assumed to match the Caltrans ½ ton rock slope protection specification.

Recommendation

The recommended alternative is Alternative A – Revetment as shown on Exhibits 3 and 4.

EXHIBIT 1

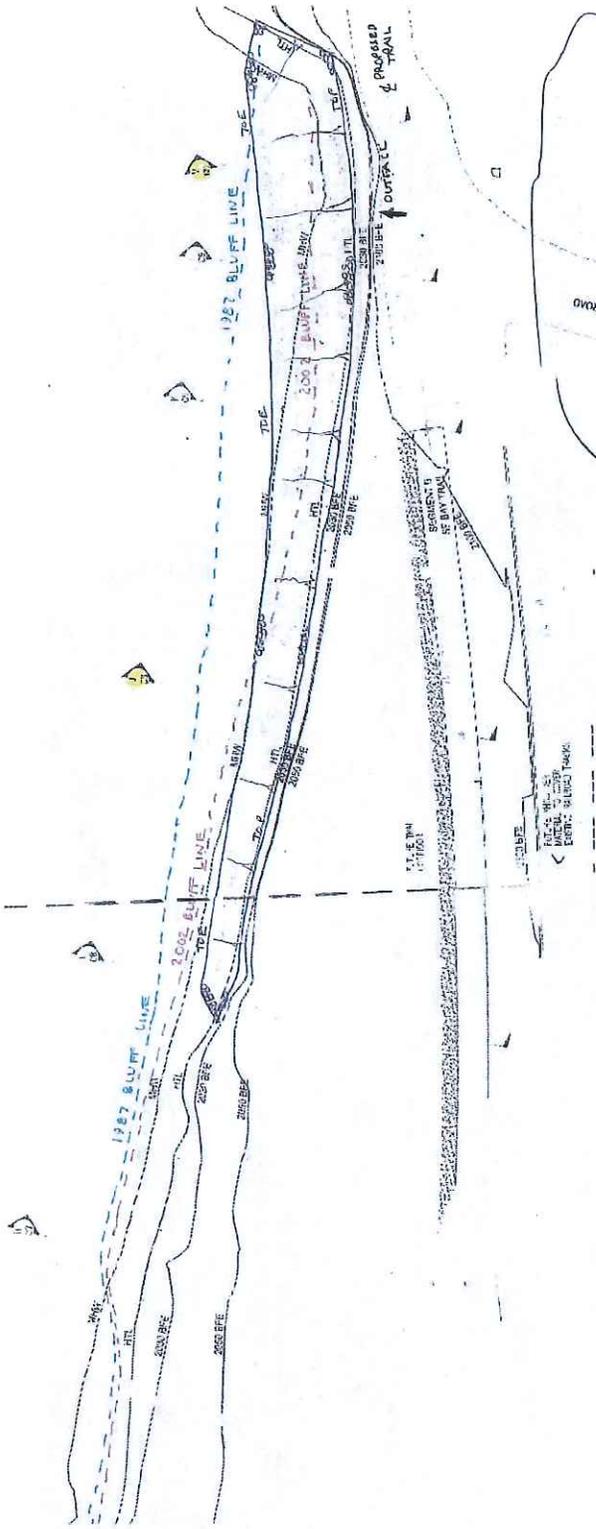


DEC 2016

EXHIBIT 2



EXHIBIT 3
 ALTERNATIVE A
 ROCK REVETMENT PLAN



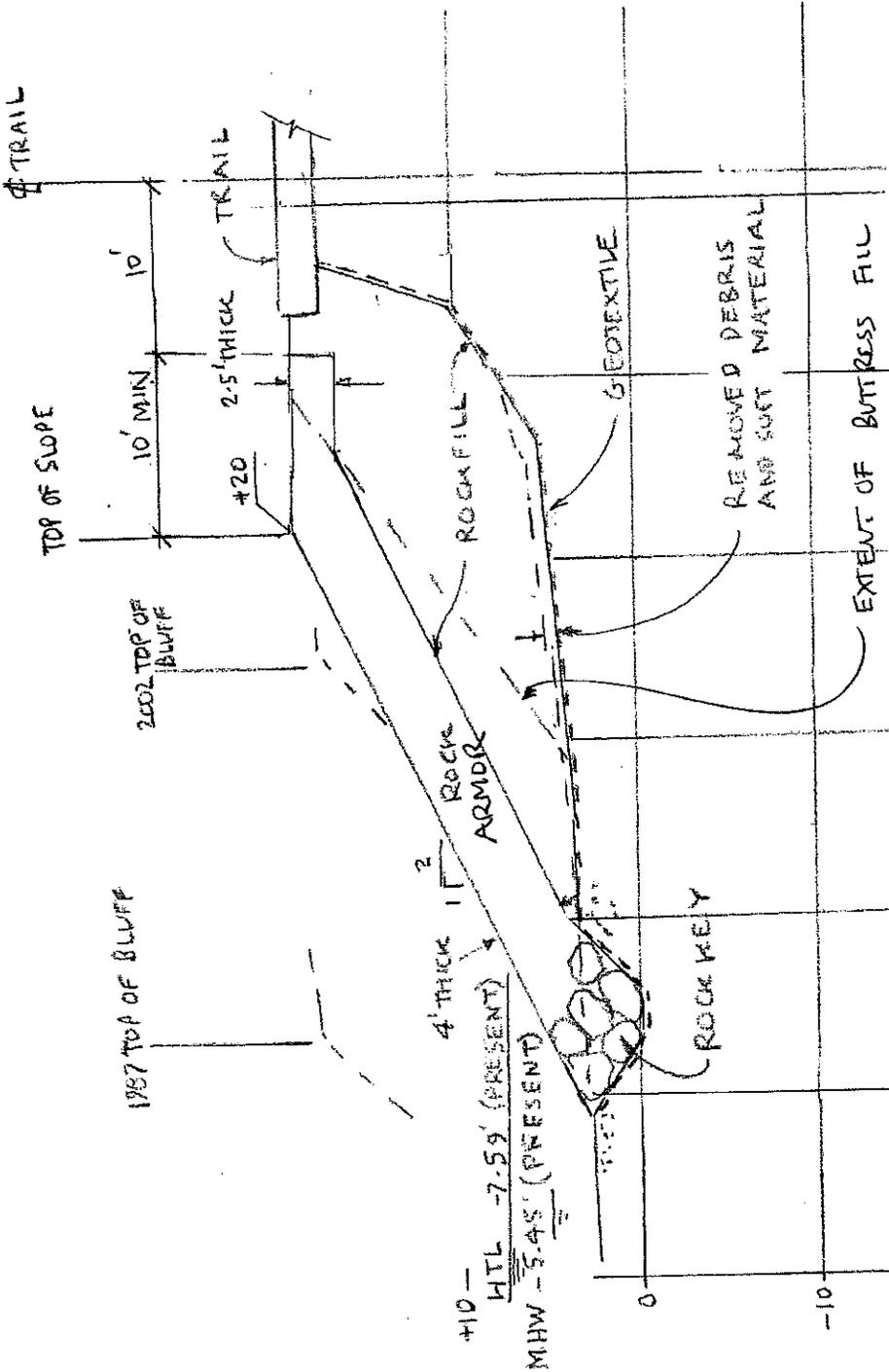
NOTE

1. ELEVATIONS IN FEET TO NAVD 88

PRELIMINARY -
 UPDATE TO PRELIMINARY
 ALIGNMENT

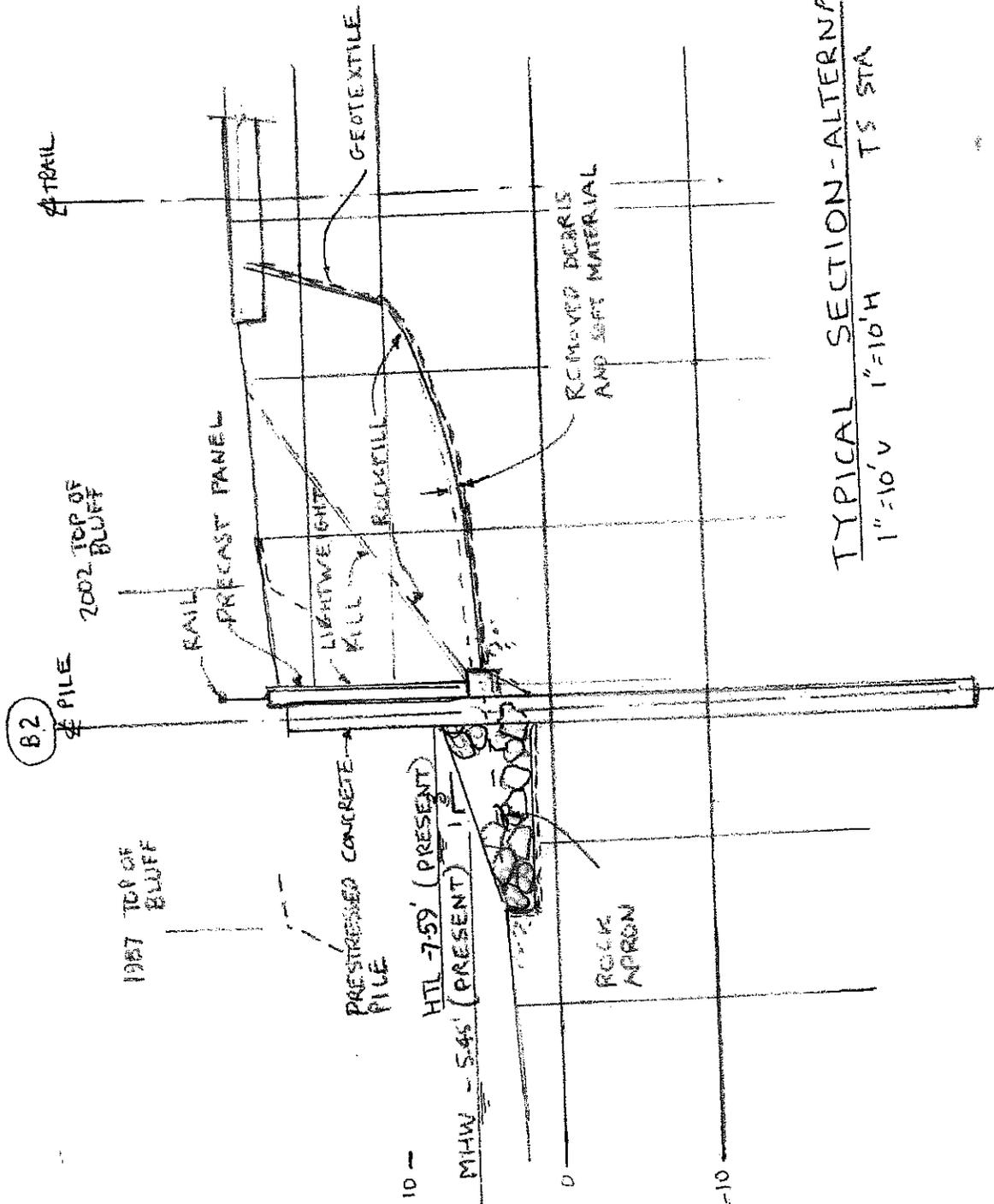
plan sheet information/files
 dim from NCE

EXHIBIT 4



TYPICAL SECTION - ALTERNATIVE A
 1"=10'V 1"=10'H TS STA. +

EXHIBIT 6



TYPICAL SECTION - ALTERNATIVE B2
TS STA +

Point Molate Beach Park Partial Shoreline Restoration
 Budget Cost Estimates
 Excluding Cost of Outfall Restoration

EXHIBIT 7
 preliminary

ALTERNATIVE A - ROCK REVETMENT

ITEM	UNIT	QTY	UNIT COST	AMOUNT
Mobilization	Lump Sum	1	30,000	30,000
Clearing and Excavation	Cubic Yard	300	20	6,000
Geotextile Fabric	Square Yard	470	10	4,700
Rockfill	Cubic Yard	830	80	66,400
Rock	Cubic Yard	1380	145	200,100
	Subtotal			307,200
	Contingency (40%)			122,880
	Estimated Total			430,080

ALTERNATIVE B2 - PILED WALL - ON ALIGNMENT B2 AWAY FROM EXISTING SHORE

ITEM	UNIT	QTY	UNIT COST	AMOUNT
Mobilization	Lump Sum	1	60,000	60,000
Clearing and Excavation	Cubic Yard	300	20	6,000
Prestressed piles, furnish	Linear Foot	1475	120	177,000
Prestressed piles, drive	Each	35	2,000	70,000
Precast Panels	Cubic Yard	80	1,200	96,000
Rockfill	Cubic Yard	770	80	61,600
Lightweight Backfill	Cubic Yard	500	90	45,000
Rock Apron	Cubic Yard	740	145	107,300
Geotextile	Square Yard	1330	10	13,300
Railing	Linear Foot	200	30	6,000
	Subtotal			642,200
	Contingency (40%)			256,880
	Estimated Total			899,080

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The River Otter Ecology Project (/)

[HOME \(/\)](#) [ABOUT US \(/ABOUT-US.HTML\)](#) [DONATE AND SHOP \(/DONATE-AND-SHOP.HTML\)](#)
[OUR PROJECTS \(/OUR-PROJECTS.HTML\)](#)
[OTTER SPOTTERS \(HTTP://WWW.RIVEROTTERECOLOGY.ORG/OTTER-SPOTTER-CITIZEN-SCIENCE-PROJECT.HTML\)](http://www.riverotterecology.org/otter-spotter-citizen-science-project.html)
[MORE...](#) [CART \(o\)](#)

River Otters: Back on the Bay Area Map!



Photo by Anthony C. Brewer

River otters are charismatic carnivores, and make wonderful ambassadors for river and wetland restoration and conservation efforts. Yet, little is known about their population, range and seasonal eating habits in the Bay Area. The River Otter Ecology Project has taken on the challenge of discovering and documenting their ecological niche, with the goal of informing land use decisions and preserving habitat for these lively aquatic mammals.

Join us as we discuss what's known, what needs to be discovered, and just how we manage to research elusive, secretive mammals who slide into the water and disappear when approached. We'll show slides and videos from our ottercams, and discuss the project and the role that citizen science plays in this otterly exciting work!

River Otter Ecology Presentations and Events 2017

2017 Events

- Saturday, April 22 ~ March for Sciences San Francisco (<https://www.facebook.com/groups/marchforsciencesf/>)
- Friday, April 21 ~ Earth Day at Rossmoor, (<http://sustainablerossmoor.org/educate-advocate/earth-day-2017/>) Walnut Creek. 10AM - 2PM
- Saturday, April 15 ~ Earth Day at the Oakland Zoo (http://www.oaklandzoo.org//Calendar_Item.php?i=1650), Oakland. 10AM - 3PM. Meet us by the OTTER enclosure!
- Saturday, April 8 ~ Otter Cutout Painting Party. Details to be announced!
- Saturday, April 1 ~ Welcome Back Otters! 2PM - 3:30PM ~ Community Meeting Room, Berkeley Public Library, 2090 Kittredge Street, Berkeley. 2 blocks from downtown Berkeley BART! Free.
- ➔ • Monday, February 13 ~ Point Molate Community Advisory Committee, 6PM - 7:30PM (open to public). Robert Aston will offer a 15 minute presentation on river otter sightings in the East Bay and climate change issues. 440 Civic Center Plaza Multi Purpose Room, Richmond.
- Friday, February 10, 7-8:30PM ~ Get Ready for Otters! (<http://dancepalace.org/events/inverness-garden-club-presents-get-ready-otters>) Benefit for the Dance Palace, Point Reyes Station. Buy tickets online or at the door. \$20 adults, \$5 children. Family friendly otter talk and dessert....what could be better?
- Tuesday, January 10 ~ Bay Nature, Friends of Five Creeks and the Ca Center for Natural History (<http://baynature.org/event/welcome-back-otters-bay-currents-talk/>) host us in Albany, 7-9PM. Refreshments at 7, talk at 7:30. The event is free, but it will fill up.

2016 Events:

FE.1

- February 13, 2016: Laguna de Santa Rosa Otter Open House, 10AM to 4:30PM - Laguna de Santa Rosa, Santa Rosa (http://lagunadesantarosa.org/laguna_walks_classes.shtml)
Join us for a fun-filled day for children and adults. Otter-themed art projects, stories and hands-on science for children. 3PM video presentation on river otters, how we study them and what we've found.
- March 7, 2016: Lindsay Wildlife Museum, Presentation to docents.
- April 15, 2016: Rossmoor Earth Day, Walnut Creek, Noon to 5PM. We hope their visiting otter will be there too!
- April 29 - April 30: Graduate Seminar, Oregon State University, Corvallis. We will be co-teaching this two-day workshop focusing on otters and their role in wetland ecosystems. Contact megan at riverottterecology.org for more information.
- June 5, 2016: Field Training, Day 1 of 2. Mandatory for all new field volunteers. Sign up here. (</volunteer.html>)
- June 12, 2016: Field Training, Day 2 of 2. Mandatory for all field volunteers.
- June 18, 2016: Audubon Canyon Ranch, 11 - 12:30AM, Martin Griffin Preserve
- July 15, 2016: Safari West Conservation Series (<http://www.safariwest.com/lecture-schedule/>) lecture, requires stay at Safari West
- August 6: Martinez Beaver Festival (<http://www.martinezbeavers.org/wordpress/>) 10AM - 4PM, Martinez. Free, family fun. Stay into the evening and see the famous beavers!
- September 17: Celebrate the Coast, CA State Parks. Heart's Desire Beach, Tomales Bay. 11AM - 2PM Free and fun!
- September 17: Family Fun Day (<http://srcity.org/departments/utilities/stormwatercreeks/steward/Pages/CREEKWEEK.aspx>), Laguna Treatment Plant, Santa Rosa. 11AM - 3PM. Otter presentation at noon by Mary Ellen King!
- September 23: State of Tomales Bay Conference (<http://www.tomalesbaywatershed.org/state-of-tomales-bay-2016.html>), Inverness Yacht Club, Inverness. 9AM - 5PM.
- October 2: Talons! A festival celebrating birds of prey (<http://www.hungryowl.org/news/talons.html>). Ross Art & Garden Center, Ross. Noon - 3PM.
- October 8: Wildlife Conservation Network, (<https://wildnet.org/events/wildlife-conservation-expo-fall-2016>) 10AM - 6PM, San Francisco. Tickets on sale on the WCN website August 16. They go fast!
- October 22 and 23: Bioneers (<http://conference.bioneers.org/>) 10AM - 6PM, San Rafael Civic Center. Tickets on sale through their website.
- October 28 and 29: 2016 Mt. Tam Science Summit. (<http://www.onetam.org/science-summit>) Tickets available through the website link.
- November 11: Green Fridays Conservation Lecture, Robert Aston presenting. 7:30 - 8:30 (doors open at 6:30 for snacks and wine) Sierra Club office, 2530 San Pablo Avenue, Berkeley.

2015 Events

- March 1, 2015: Welcome Back Otters! Celebration and Fundraiser. 3-6PM, San Francisco Bay Model, Sausalito
- Saturday, April 18: River Otter Ecology receives John Muir Association Conservation Award (<http://www.johnmuirassociation.org/php/bday-earthday/bday-earthday.php>). 2PM
- Friday, April 24, 2015: Wild & Scenic Film Festival, Oakland Asian Cultural Center, Oakland. 5PM (<http://rosefdn.org/filmfest/>)
- Friday, May 8, 2015: Center for Learning in Retirement, River Otters presentation. 1:30PM, San Francisco (<http://www.clirsf.org/programs.html>)
- Saturday, May 9, 2015: International Migratory Bird Day, Muir Woods National Monument. 10AM - 3PM (<http://www.nps.gov/muwo/planyourvisit/event-details.htm?eventID=474969-307230>)
- Sunday, May 17, 2015: Heritage Days Celebration, Olompali State Park, Novato, CA. 10AM - 4PM
- Saturday, August 1, 2015: Martinez Beaver Festival, Martinez, CA. 11A M - 4PM. (<http://www.martinezbeavers.org/wordpress/beaver-blog-2/april-11/may-2012/june-2012/11103-2/june-2013/july-2013/beaver-festival-vii/>)
- Wednesday, August 12, 2015: River Otters, Back on the Bay Area Map! (<http://naparc.org/wild-napa/>) Sponsored by the Napa RCD. Bookmine, Napa. 7PM
- Thursday, September 10, 2015: Richardson Bay Audubon Speaker Series, Tiburon, CA. 7:30 - 8:30PM
- Thursday, September 17, 2015: State of the San Francisco Estuary Conference, Oakland, CA. ROEP ED Megan Isadore will discuss project findings and next steps.
- Saturday, September 19, 2015: Celebrate the Coast, Tomales Bay State Park. 11-2PM
- Sunday, September 20, 2015: Wine Country Optic and Nature Festival (<http://www.sonomabirding.com/>), Sonoma Barracks, Sonoma. 10AM to 4PM Presentation at 1PM!
- Sunday, October 4: Discover Mt. Tam, Mill Valley Community Center. 10AM to 4PM.
- Saturday, October 10, 2015: Wildlife Conservation Expo (<http://wildnet.org/events/wildlife-conservation-expo-o>), Mission Bay Conference Center, San Francisco, Ca. 10AM - 6PM
- Tuesday, November 3, 2015: Give Back Tuesday! Iron Springs Pub & Brewery in Fairfax, CA (<http://ironspringspub.com/give-back-tuesdays/>) will donate 10% to our project. Please join us for dinner, drinks and fun, support river otters and.....take a night off from cooking!
- November 19, 2015: San Francisco Natural History Series (<http://sfnh.com/>) presents River Otter Ecology Project guest speaker Robyn Aston on River Otters! 7PM Lake Merritt Rotary Nature Center, Oakland.

FE.2

North American River Otter

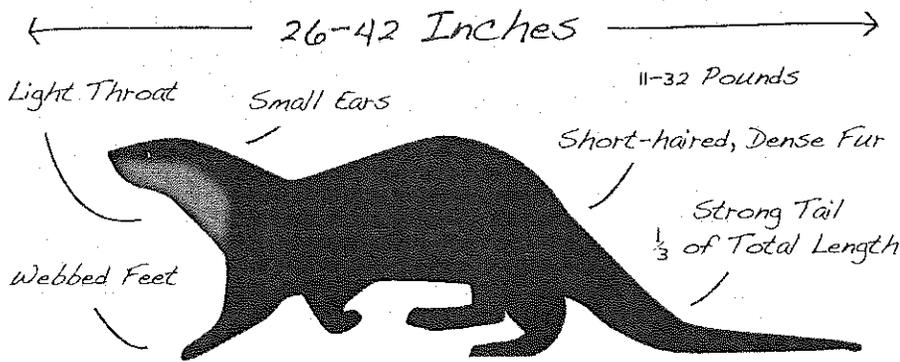
Lontra canadensis

The North American River Otter is an elusive, semiaquatic member of the Mustelid family. They thrive in healthy watersheds where they can be found individually or in small social groups.

Habitat: A wide variety of aquatic environments, including rivers, lakes, estuaries, marshes and more.

FactSheet

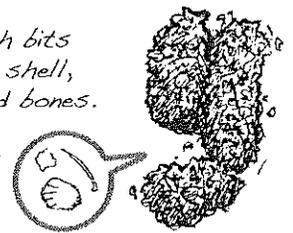
Oceans & Bays
They forage and travel in salt water too!



Males and females look similar. Adult males are slightly larger

Scat

Flaky scat with bits of crustacean shell, fish scales and bones. Scat is found at latrine sites on shore.



Tracks

Five toes front and back. Webbed, tracks on sandy beaches often include tail drag



River Otter or Sea Otter?

You can encounter both otters in salt water. How do you tell them apart?

- Sea Otters float on their backs, River Otters don't.
- In the water, River Otters are always active and moving quickly.
- Sea Otters are clumsy on land and rarely seen on shore. River Otters are agile both in and out of the water.

That's a Sea Otter!

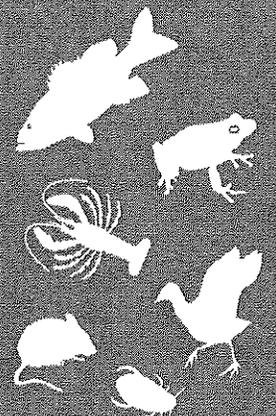


Diet

Fish, fish fish!

Crustaceans, insects, amphibians and occasionally birds and small mammals can be part of the diet as well.

Small prey is eaten at the water's surface, large prey is taken to shore.



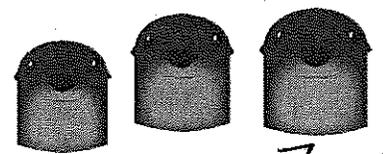
Reproduction

Breeding takes place from December-April. 1-5 blind, helpless pups are born in an on-shore den between February and April. Pups are raised into adulthood by the mother. At two months old she teaches her playful pups to swim.

Social Groups

Family Group (Female with offspring)

Males can form groups of 2-17 individuals



Range

Visit www.riverottterecology.org for more information, to report your otter sightings and to support local River Otters!

Brake-Nesting Ospreys on the Richmond Shoreline.pdf

Sign in Download

Write a comment

1/28

Anthony Brake will be notified.



Post a comment to start a discussion.
@Mention someone to notify them.

Nesting Ospreys on the Richmond Shoreline

- Prior to 1990, there were no historical records of Ospreys nesting along the San Francisco Bay shoreline.
- The first Osprey nesting record was in 1990 on the Mare Island Strait in Vallejo (on a pile driver).
- Beginning in 2003, the number of Osprey nests began a steady increase on Mare Island and the Vallejo Waterfront.
- In 2012 and 2013, Harv Wilson and I carried out a census of nesting Ospreys around the San Francisco Bay Shoreline. In 2012 we located 15 successful Osprey nests fledging 30 young. In 2013, we located 26 Osprey pairs, 17 of which were successful.
- Nearly all of these nests were built on human-made structures, such as cranes, light structures, utility poles and aids to navigation.
- Continuing surveys have documented a continuing increase, as well as an expansion southward, especially along the Richmond shoreline.

Page 1 of 7

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Pt Molate Report

PMCAC #69 February 13, 2017

Project Manager's Staff Report (10 min.) – including

1. Expenditures and balance from the Navy Escrow Fund
2. Expenditures and balance from the General Fund
3. Insurance Reporting filings
4. Lease/Occupation Status for all Pt Molate users
5. Monthly summary of security incidents
6. Monthly summary of authorized entries
7. Caretaker Summary
8. Beach Park/Landscapers Report
9. IR Site 3 Remediation and Abatement Project
10. Other –

Expenditures and balance from Navy Escrow Fund:

- No Expenditures (in Jan.2017) totaling \$ 0
- Balance: \$3,885,743.79

Expenditures and balance from City General Fund:

- Expenditures to date for FY 16-17 total \$49,110
- Balance: \$253,331.

Insurance Report filings

- Report provided in the November 2016 PMCAC Agenda Packet.

Lease/Occupation status for all Pt. Molate Users

- Nematode Holdings has made payments of \$1,200/year for prior three years.

Monthly Summary of security incidents:

- January, 2017 report enclosed. Incident with Downed Trees and Fence at Housing Entry, Building 6 and Gate 6 Locations; Pier master lock was not interlocked with City lock and report that non-City lock was removed and assisted Wayne Madison of Veolia of a reported active sewer line in Pt Molate flowing out towards the San Francisco Bay. Four Patrol Officers and three Supervisors assigned. First Security conducted 986 security checks and noted no shoreline and IR Site 3 driving in order to grow native grass and monthly entries recorded.

Monthly Summary of authorized entries:

- There were three public entry authorizations for month of January 2017. Three annual access requests (Portero, Brubaker, Beyaert).

Caretaker Summary

- DIMO/Public Works did not provide a report covering the month of January.

Beach Park

- DIMO/Parks & Landscaping contractor report enclosed.
- Summary of the January activity report from the Friends of Point Molate group is included.

IR Site 3 Remediation and Abatement Project

- Terraphase will be provide during meeting.

Other

- Last call for Committee Business Cards. Committee Member Portero and Brubaker have put in their requests for business cards and will pay for printing costs of approximately \$43.50. City Clerk Office controls logo and cards and has authorized cards if DIMO Department can print and at Committee Members cost. Final PMCAC list will be submitted following the February PMCAC meeting.



Pt. Molate Remediation Budget Report
As of February 9, 2017

Vendors	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Contra Costa Environmental Health				
Contra Costa Environmental Health/CCHS	1/5/2011	\$ 474.00		
Contra Costa Environmental Health/CCHS	2/16/2011	\$ 474.00		
Contra Costa Environmental Health/CCHS	8/23/2011	\$ 474.00		
Contra Costa Environmental Health/CCHS	11/14/2011	\$ 474.00		
Contra Costa Environmental Health/CCHS	1/25/2012	\$ 395.00		
Contra Costa Environmental Health/CCHS	8/29/2012	\$ 632.00		
Contra Costa Environmental Health/CCHS	10/30/2012	\$ 316.00		
Contra Costa Environmental Health/CCHS	2/12/2013	\$ 316.00		
Contra Costa Environmental Health/CCHS	6/14/2013	\$ 348.00		
Contra Costa Environmental Health/CCHS	8/8/2013	\$ 348.00		
Contra Costa Environmental Health/CCHS	12/18/2013	\$ 348.00		
Contra Costa Environmental Health/CCHS	2/10/2014	\$ 348.00		
Contra Costa Environmental Health/CCHS	6/3/2014	\$ 348.00		
Contra Costa Environmental Health/CCHS	12/21/2015	\$ 522.00		
Contra Costa Environmental Health/CCHS	3/25/2016	\$ 565.10		
Contra Costa Environmental Health/CCHS	9/28/2016	\$ 1,044.00		
Contra Costa Environmental Health/CCHS	11/1/2016	\$ 1,044.40		
Contra Costa Environmental Health/CCHS	2/1/2017	\$ 609.00		
TOTAL		\$ 9,079.50	\$ -	\$ 9,079.50
Escrow Account Holder Fees				
FAFC Fee Slip - April 2012	4/16/2012	\$ 300.00		
FAFC Fee Slip - April 2013	4/4/2013	\$ 300.00		
FAFC Fee Slip - August 2010	9/13/2010	\$ 300.00		
FAFC Fee Slip - August 2011	8/23/2011	\$ 300.00		
FAFC Fee Slip - December 2010	2/8/2011	\$ 300.00		
FAFC Fee Slip - December 2012	12/11/2012	\$ 300.00		
FAFC Fee Slip - Feb. to April 2011	4/18/2011	\$ 900.00		
FAFC Fee Slip - February 2013	2/8/2013	\$ 300.00		
FAFC Fee Slip - January & February 2012	2/29/2012	\$ 600.00		
FAFC Fee Slip - January 2011	2/8/2011	\$ 300.00		
FAFC Fee Slip - January 2013	1/7/2013	\$ 300.00		
FAFC Fee Slip - July 2011	7/29/2011	\$ 300.00		
FAFC Fee Slip - June & July 2013	8/2/2013	\$ 600.00		
FAFC Fee Slip - June 2011	6/6/2011	\$ 300.00		
FAFC Fee Slip - March 2012	3/8/2012	\$ 300.00		
FAFC Fee Slip - March 2013	3/4/2013	\$ 300.00		
FAFC Fee Slip - May - July 2010	8/16/2010	\$ 900.00		
FAFC Fee Slip - May 2011	5/6/2011	\$ 300.00		
FAFC Fee Slip - May 2012	5/18/2012	\$ 300.00		
FAFC Fee Slip - May 2012	6/7/2012	\$ 290.00		
FAFC Fee Slip - May 2012	10/1/2012	\$ 900.00		
FAFC Fee Slip - May 2012	10/9/2012	\$ 300.00		
FAFC Fee Slip - May 2013	5/1/2013	\$ 300.00		
FAFC Fee Slip - November & December 2011	12/8/2011	\$ 600.00		
FAFC Fee Slip - November 2010	1/5/2011	\$ 300.00		
FAFC Fee Slip - November 2012	12/11/2012	\$ 300.00		
FAFC Fee Slip - October 2010	11/8/2010	\$ 300.00		
FAFC Fee Slip - October 2011	3/8/2012	\$ 300.00		
FAFC Fee Slip - September 2010	10/7/2010	\$ 300.00		
FAFC Fee Slip - September 2011	9/8/2011	\$ 300.00		
First American Fund Control	11/1/2010	\$ 2,704.15		
First American Fund Control (FAFC) Setup Fee	4/20/2010	\$ 1,000.00		
Union Bank Fees	9/20/2013	\$ 1,560.00		
Union Bank - Annual Fees (9/1/14 - 8/31/15)	9/17/2014	\$ 1,060.00		
Union Bank - Annual Fees (9/1/15 - 8/31/16)	9/23/2015	\$ 1,060.00		
Union Bank - Annual Fees (9/1/16 - 8/31/17)	9/22/2016	\$ 1,060.00		
TOTAL		\$ 20,134.15	\$ -	\$ 20,134.15

Pt. Molate Remediation Budget Report
As of February 9, 2017

Vendors	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Morrison & Foerster LLP				
Morrison & Foerster LLP	10/21/2011	\$ 3,520.00		
Morrison & Foerster LLP	11/14/2011	\$ 1,933.75		
Morrison & Foerster LLP	12/8/2011	\$ 5,305.00		
Morrison & Foerster LLP	1/25/2012	\$ 297.50		
Morrison & Foerster LLP	3/15/2012	\$ 5,801.25		
Morrison & Foerster LLP	4/23/2012	\$ 1,611.25		
Morrison & Foerster LLP	5/18/2012	\$ 297.50		
Morrison & Foerster LLP	7/9/2012	\$ 1,041.25		
TOTAL		\$ 19,807.50	\$ -	\$ 19,807.50
Nichols Consulting Engineers, CHTD				
Nichols Consulting Engineers, CHTD	10/21/2011	\$ 6,234.50		
Nichols Consulting Engineers, CHTD	12/8/2011	\$ 4,845.00		
Nichols Consulting Engineers, CHTD	7/9/2012	\$ 22,670.75		
Nichols Consulting Engineers, CHTD	12/6/2012	\$ 12,945.00		
Nichols Consulting Engineers, CHTD	12/21/2012	\$ 2,016.64		
Nichols Consulting Engineers, CHTD	1/29/2013	\$ 1,905.00		
Nichols Consulting Engineers, CHTD	8/8/2013	\$ 1,046.00		
Nichols Consulting Engineers, CHTD	10/17/2013	\$ 24,745.00		
Nichols Consulting Engineers, CHTD	8/1/2014	\$ 18,683.67		
Nichols Consulting Engineers, CHTD	9/27/2014	\$ 57,071.54		
Nichols Consulting Engineers, CHTD	1/20/2015	\$ 24,708.88		
Nichols Consulting Engineers, CHTD	5/27/2015	\$ 19,792.56		
Nichols Consulting Engineers, CHTD	6/29/2015	\$ 43,179.74		
Nichols Consulting Engineers, CHTD	7/28/2015	\$ 23,625.00		
Nichols Consulting Engineers, CHTD	10/28/2015	\$ 12,601.89		
Nichols Consulting Engineers, CHTD	11/3/2016	\$ 21,364.55		
TOTAL		\$ 297,435.72	\$ -	\$ 297,435.72
Pacific States Environmental Contractors, Inc.				
Pacific States Environmental Contractors, Inc.	10/31/2014	\$ 855,815.67		
Pacific States Environmental Contractors, Inc.	12/10/2014	\$ 1,006,214.83		
Pacific States Environmental Contractors, Inc.	1/9/2015	\$ 779,224.77		
Pacific States Environmental Contractors, Inc.	1/27/2015	\$ 23,947.99		
Pacific States Environmental Contractors, Inc.	3/11/2015	\$ 67,017.85		
Pacific States Environmental Contractors, Inc.	3/19/2015	\$ 7,324.50		
Pacific States Environmental Contractors, Inc.	5/27/2015	\$ 259,652.05		
Pacific States Environmental Contractors, Inc.	6/12/2015	\$ 1,705,593.08		
Pacific States Environmental Contractors, Inc.	6/29/2015	\$ 2,211,213.49		
Pacific States Environmental Contractors, Inc.	8/11/2015	\$ 1,831,042.78		
Pacific States Environmental Contractors, Inc.	9/17/2015	\$ 1,300,776.20		
Pacific States Environmental Contractors, Inc.	11/30/2015	\$ 153,431.01		
Pacific States Environmental Contractors, Inc.	1/8/2016	\$ 425,137.76		
Pacific States Environmental Contractors, Inc.	1/15/2016	\$ 279,641.87		
Pacific States Environmental Contractors, Inc.	4/19/2016	\$ 498,835.98		
Pacific States Environmental Contractors, Inc.	5/31/2016	\$ 16,660.48		
Pacific States Environmental Contractors, Inc.	9/7/2016	\$ 215,896.40		
Pacific States Environmental Contractors, Inc.	9/28/2016	\$ 90,000.00		
TOTAL		\$ 11,727,426.71	\$ -	\$ 11,727,426.71
PG&E				
PG&E	10/21/2011	\$ 6,626.33		
PG&E	12/8/2011	\$ 3,016.85		
PG&E	3/15/2012	\$ 3,026.91		
TOTAL		\$ 12,670.09	\$ -	\$ 12,670.09
REGIONAL MONITORING PROGRAM				
Regional Monitoring Program	6/10/2016	\$ 7,500.00		\$ 7,500.00
RORE, Inc.				
RORE, Inc.	1/5/2011	\$ 31,581.00		
TOTAL		\$ 31,581.00	\$ -	\$ 31,581.00

Pt. Molate Remediation Budget Report
As of February 9, 2017

Vendors	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Savings Interest				
Savings Interest	9/1/2011		\$ 8,047.46	
Savings Interest	3/7/2011		\$ 2,704.15	
Savings Interest - April 2010	5/10/2010		\$ 1,989.85	
Savings Interest - April 2010	5/12/2010		\$ 3,218.95	
Savings Interest - April 2011	5/18/2011		\$ 4,575.58	
Savings Interest - April 2011	5/18/2011		\$ 1,024.62	
Savings Interest - April 2011	5/18/2011		\$ 1,025.75	
Savings Interest - April 2011	5/18/2011		\$ 415.61	
Savings Interest - April 2011	5/25/2011		\$ 2,180.76	
Savings Interest - April 2012	5/21/2012		\$ 1,900.11	
Savings Interest - April 2013	5/13/2013		\$ 3,206.73	
Savings Interest - August 2010	9/15/2010		\$ 773.33	
Savings Interest - August 2010	9/15/2010		\$ 773.33	
Savings Interest - August 2010	9/15/2010		\$ 2,564.97	
Savings Interest - August 2010	9/15/2010		\$ 5,136.59	
Savings Interest - August 2010	3/7/2011		\$ (773.33)	
Savings Interest - August 2011	9/19/2011		\$ 2,090.17	
Savings Interest - August 2012	9/12/2012		\$ 1,923.15	
Savings Interest - December 2010	1/26/2011		\$ 654.76	
Savings Interest - December 2010	1/26/2011		\$ 4,621.71	
Savings Interest - December 2010	1/26/2011		\$ 4,951.46	
Savings Interest - December 2012	1/23/2013		\$ 1,885.68	
Savings Interest - December 2011	1/30/2012		\$ 2,005.79	
Savings Interest - February 2011	3/1/2011		\$ 1,795.24	
Savings Interest - February 2011	3/3/2011		\$ 504.17	
Savings Interest - February 2011	3/28/2011		\$ -	
Savings Interest - February 2011	3/28/2011		\$ 4,435.35	
Savings Interest - February 2012	3/14/2012		\$ 1,860.86	
Savings Interest - February 2013	3/18/2013		\$ 3,040.52	
Savings Interest - January 2011	2/28/2011		\$ 567.29	
Savings Interest - January 2011	2/28/2011		\$ 2,056.91	
Savings Interest - January 2011	2/28/2011		\$ 4,918.91	
Savings Interest - January 2012	2/22/2012		\$ 1,997.55	
Savings Interest - January 2013	2/13/2013		\$ 3,340.54	
Savings Interest - July 2010	8/11/2010		\$ 732.37	
Savings Interest - July 2010	8/11/2010		\$ 732.37	
Savings Interest - July 2010	8/11/2010		\$ 2,409.34	
Savings Interest - July 2010	8/11/2010		\$ 4,830.04	
Savings Interest - July 2010	3/7/2011		\$ (732.37)	
Savings Interest - July 2011	8/24/2011		\$ 7,096.07	
Savings Interest - July 2011	8/24/2011		\$ 2,097.56	
Savings Interest - July 2012	8/22/2012		\$ 1,929.33	
Savings Interest - July 2013			\$ 1,824.74	
Savings Interest - June 2010	7/26/2010		\$ 493.14	
Savings Interest - June 2010	7/26/2010		\$ 493.14	
Savings Interest - June 2010	7/26/2010		\$ 2,852.41	
Savings Interest - June 2010	7/26/2010		\$ 5,330.73	
Savings Interest - June 2010	3/7/2011		\$ (493.14)	
Savings Interest - June 2011	7/18/2011		\$ 7,000.65	
Savings Interest - June 2011	7/18/2011		\$ 419.20	
Savings Interest - June 2011	7/20/2011		\$ 2,034.00	
Savings Interest - June 2012	7/16/2012		\$ 1,879.15	
Savings Interest - June 2013	7/10/2013		\$ 3,180.04	
Savings Interest - March 2011	4/11/2011		\$ 1,150.69	
Savings Interest - March 2011	4/11/2011		\$ 1,150.69	
Savings Interest - March 2011	4/25/2011		\$ 4,904.82	
Savings Interest - March 2011	4/25/2011		\$ 430.34	
Savings Interest - March 2011	4/25/2011		\$ 82.19	
Savings Interest - March 2011	5/25/2011		\$ 2,058.59	

Pt. Molate Remediation Budget Report
As of February 9, 2017

Vendors	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Savings Interest - March 2012	4/30/2012		\$ 1,979.63	
Savings Interest - March 2013	4/16/2013		\$ 3,346.60	
Savings Interest - May 2010	6/11/2010		\$ 2,712.51	
Savings Interest - May 2010	6/11/2010		\$ 4,521.30	
Savings Interest - May 2011	6/22/2011		\$ 1,710.88	
Savings Interest - May 2011	6/22/2011		\$ 5,027.83	
Savings Interest - May 2011	6/22/2011		\$ 427.76	
Savings Interest - May 2011	6/22/2011		\$ 529.78	
Savings Interest - May 2011	6/22/2011		\$ 1,049.53	
Savings Interest - May 2011	6/22/2011		\$ 1,049.53	
Savings Interest - May 2012	6/18/2012		\$ 1,950.31	
Savings Interest - May 2013	6/14/2013		\$ 3,287.38	
Savings Interest - November 2010	12/15/2010		\$ 5,110.49	
Savings Interest - November 2010	12/15/2010		\$ 760.49	
Savings Interest - November 2011	12/12/2011		\$ 1,955.50	
Savings Interest - November 2012	12/19/2012		\$ 1,838.75	
Savings Interest - October 2010	11/17/2010		\$ 696.94	
Savings Interest - October 2010	11/17/2010		\$ 2,322.38	
Savings Interest - October 2010	11/17/2010		\$ 4,647.05	
Savings Interest - October 2011	11/1/2011		\$ 1,265.06	
Savings Interest - October 2011	11/21/2011		\$ 2,030.42	
Savings Interest - October 2012	11/16/2012		\$ 1,911.44	
Savings Interest - September 2010	10/20/2010		\$ 725.31	
Savings Interest - September 2010	10/20/2010		\$ 725.31	
Savings Interest - September 2010	10/20/2010		\$ 2,405.12	
Savings Interest - September 2010	10/20/2010		\$ 4,817.12	
Savings Interest - September 2010	3/7/2011		\$ (725.31)	
Savings Interest - September 2011	10/12/2011		\$ 6,224.06	
Savings Interest - September 2011	10/26/2011		\$ 1,997.61	
Savings Interest - September 2012	10/15/2012		\$ 1,853.35	
Savings Interest Adjustment - February 2011	3/3/2011		\$ 411.38	
Revenue	6/30/2011		\$ 8.63	
Savings Interest - August 2013	9/11/2013		\$ 1,818.23	
Interest	9/13-11/13		\$ 409.95	
Interest	12/13-5/14		\$ 959.40	
TOTAL			\$ 207,056.33	
State Water Resources Control Board				
State Water Resources Control Board	11/10/2010	\$ 796.00		
State Water Resources Control Board	12/3/2010	\$ 3,553.88		
State Water Resources Control Board	4/18/2011	\$ 7,765.81		
State Water Resources Control Board	7/29/2011	\$ 8,397.38		
State Water Resources Control Board	10/21/2011	\$ 30,340.20		
State Water Resources Control Board	12/8/2011	\$ 36,003.36		
State Water Resources Control Board	1/25/2012	\$ 11,195.00		
State Water Resources Control Board	3/15/2012	\$ 48,269.05		
State Water Resources Control Board	7/9/2012	\$ 40,507.27		
State Water Resources Control Board	10/30/2012	\$ 31,116.76		
State Water Resources Control Board	12/6/2012	\$ 11,195.00		
State Water Resources Control Board	4/2/2013	\$ 23,492.08		
State Water Resources Control Board	8/8/2013	\$ 10,078.39		
State Water Resources Control Board (SCP Program)	12/18/2013	\$ 1,952.67		
State Water Resources Control Board	12/18/2013	\$ 11,877.00		
State Water Resources Control Board	2/10/2014	\$ 19,032.82		
State Water Resources Control Board	3/27/2014	\$ 6,224.57		
State Water Resources Control Board	6/3/2014	\$ 553.32		
State Water Resources Control Board	8/2/2014	\$ 20,589.19		
State Water Resources Control Board (SCP Program)	11/19/2014	\$ 34,327.45		
State Water Resources Control Board	11/27/2014	\$ 11,497.00		
State Water Resources Control Board	1/20/2015	\$ 11,497.00		
State Water Resources Control Board	3/19/2015	\$ 18,593.45		
State Water Resources Control Board	6/29/2015	\$ 13,325.32		
State Water Resources Control Board	10/28/2015	\$ 10,600.60		
State Water Resources Control Board (SCP Program)	11/30/2015	\$ 15,344.24		
State Water Resources Control Board	11/30/2015	\$ 659.00		
State Water Resources Control Board	3/4/2016	\$ 4,519.18		
State Water Resources Control Board	4/19/2016	\$ 4,519.18		
State Water Resources Control Board	5/31/2016	\$ 16,621.30		
State Water Resources Control Board	5/31/2016	\$ 7,500.00		
State Water Resources Control Board	9/28/2016	\$ 15,371.77		
State Water Resources Control Board (reimbursement)	6/30/2016		\$ 400.00	
State Water Resources Control Board	12/5/2016	\$ 909.00		
State Water Resources Control Board	12/5/2016	\$ 6,235.91		
TOTAL		\$ 494,460.15	\$ 400.00	\$ 494,060.15

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Pt. Molate Remediation Budget Report
As of February 9, 2017

Vendors	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Terraphase Engineering, Inc				
Terraphase Engineering, Inc	6/6/2011	\$ 78,656.54		
Terraphase Engineering, Inc.	1/5/2011	\$ 37,142.09		
Terraphase Engineering, Inc.	2/16/2011	\$ 63,617.92		
Terraphase Engineering, Inc.	1/25/2012	\$ 110,282.57		
Terraphase Engineering, Inc.	3/15/2012	\$ 61,726.26		
Terraphase Engineering, Inc.	3/15/2012	\$ 145,489.51		
Terraphase Engineering, Inc.	4/23/2012	\$ 121,263.22		
Terraphase Engineering, Inc.	5/18/2012	\$ 154,907.80		
Terraphase Engineering, Inc.	7/9/2012	\$ 129,899.78		
Terraphase Engineering, Inc.	7/20/2012	\$ 133,279.02		
Terraphase Engineering, Inc.	8/29/2012	\$ 70,585.19		
Terraphase Engineering, Inc.	9/19/2012	\$ 68,665.72		
Terraphase Engineering, Inc.	10/30/2012	\$ 103,672.81		
Terraphase Engineering, Inc.	12/6/2012	\$ 174,878.31		
Terraphase Engineering, Inc.	12/21/2012	\$ 269,077.05		
Terraphase Engineering, Inc.	2/12/2013	\$ 281,577.64		
Terraphase Engineering, Inc.	4/2/2013	\$ 202,972.88		
Terraphase Engineering, Inc.	4/30/2013	\$ 82,590.63		
Terraphase Engineering, Inc.	5/1/2013	\$ 75,316.43		
Terraphase Engineering, Inc.	6/14/2013	\$ 43,556.01		
Terraphase Engineering, Inc.	8/8/2013	\$ 44,555.23		
Terraphase Engineering, Inc.	8/8/2013	\$ 60,528.86		
Terraphase Engineering, Inc.	4/18/2011	\$ 168,063.37		
Terraphase Engineering, Inc.	7/7/2011	\$ 66,639.77		
Terraphase Engineering, Inc.	7/29/2011	\$ 37,573.67		
Terraphase Engineering, Inc.	8/23/2011	\$ 99,184.28		
Terraphase Engineering, Inc.	9/14/2011	\$ 109,635.96		
Terraphase Engineering, Inc.	10/21/2011	\$ 51,791.39		
Terraphase Engineering, Inc.	11/14/2011	\$ 71,065.26		
Terraphase Engineering, Inc.	12/8/2011	\$ 158,309.56		
Terraphase Engineering, Inc.	10/17/2013	\$ 51,248.57		
Terraphase Engineering, Inc.	11/15/2013	\$ 28,351.81		
Terraphase Engineering, Inc.	12/18/2013	\$ 68,604.41		
Terraphase Engineering, Inc.	12/20/2013	\$ 66,328.38		
Terraphase Engineering, Inc.	2/10/2014	\$ 65,579.43		
Terraphase Engineering, Inc.	3/17/2014	\$ 103,683.69		
Terraphase Engineering, Inc.	3/27/2014	\$ 102,373.52		
Terraphase Engineering, Inc.	4/29/2014	\$ 68,324.79		
Terraphase Engineering, Inc.	6/3/2014	\$ 61,640.00		
Terraphase Engineering, Inc.	7/11/2014	\$ 36,883.79		
Terraphase Engineering, Inc.	8/2/2014	\$ 52,505.63		
Terraphase Engineering, Inc.	9/2/2014	\$ 51,882.72		
Terraphase Engineering, Inc.	9/27/2014	\$ 114,953.96		
Terraphase Engineering, Inc.	10/25/2014	\$ 95,929.77		
Terraphase Engineering, Inc.	11/27/2014	\$ 204,422.29		
Terraphase Engineering, Inc.	1/20/2015	\$ 104,493.74		
Terraphase Engineering, Inc.	3/11/2015	\$ 125,312.63		
Terraphase Engineering, Inc.	3/11/2015	\$ 90,210.64		
Terraphase Engineering, Inc.	3/26/2015	\$ 87,923.69		
Terraphase Engineering, Inc.	4/23/2015	\$ 139,943.20		
Terraphase Engineering, Inc.	6/1/2015	\$ 125,374.10		
Terraphase Engineering, Inc.	6/29/2015	\$ 126,704.25		
Terraphase Engineering, Inc.	8/3/2015	\$ 133,605.29		
Terraphase Engineering, Inc.	9/17/2015	\$ 135,433.09		
Terraphase Engineering, Inc.	10/28/2015	\$ 140,582.81		
Terraphase Engineering, Inc.	11/30/2015	\$ 88,207.01		
Terraphase Engineering, Inc.	3/4/2016	\$ 32,548.97		
Terraphase Engineering, Inc.	3/4/2016	\$ 131,231.71		
Terraphase Engineering, Inc.	4/25/2016	\$ 46,568.64		
Terraphase Engineering, Inc.	5/31/2016	\$ 69,945.45		
Terraphase Engineering, Inc.	9/28/2016	\$ 260,319.65		
Terraphase Engineering, Inc.	11/1/2016	\$ 53,040.20		
Terraphase Engineering, Inc.	12/5/2016	\$ 233,484.70		
Terraphase Engineering, Inc.	2/1/2017	\$ 155,397.57		
TOTAL		\$ 6,729,544.83	\$ -	\$ 6,729,544.83

Pt. Molate Remediation Budget Report
As of February 9, 2017

Vendors	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Winehaven Partners, LLC				
Winehaven Partners, LLC	1/5/2011	\$ 5,418.11		
Winehaven Partners, LLC	2/16/2011	\$ 2,753.49		
Winehaven Partners, LLC	4/18/2011	\$ 2,680.76		
Winehaven Partners, LLC	6/6/2011	\$ 362.75		
Winehaven Partners, LLC	7/7/2011	\$ 4,352.37		
Winehaven Partners, LLC	7/29/2011	\$ 574.96		
Winehaven Partners, LLC	8/23/2011	\$ 221.78		
Winehaven Partners, LLC	9/14/2011	\$ 89.96		
Winehaven Partners, LLC	10/21/2011	\$ 136.55		
Winehaven Partners, LLC	11/14/2011	\$ 127.23		
Winehaven Partners, LLC	12/8/2011	\$ 127.36		
Winehaven Partners, LLC	1/25/2012	\$ 127.42		
Winehaven Partners, LLC	4/23/2012	\$ 137.42		
Winehaven Partners, LLC	4/23/2012		\$ 127.42	Net Total*
TOTAL		\$ 17,110.16	\$ 127.42	\$ 16,982.74
Current as of 2/9/2017		\$ 24,822,017.96	\$ 207,761.75	
Remaining Balance				\$ 3,885,743.79
* Net Total - Indicates the net amount paid to a vendor after accounting for a return of funds paid by the vendor back into the escrow account				

Pt. Molate Remediation Budget Report
As of February 9, 2017

Project / Program Name: Pt. Molate Remediation Oversight				
Project Description: Pt. Molate				
		Point Molate		
		Site Remediation		
		Capital Budget		
Sources of Funds:		Navy Funds	Interest	Total
Navy Funds		\$ 28,500,000.00		
		Expenditures	Revenues	Balance
Transactions	Date	As of 2/9/2017	As of 2/9/2017	As of 2/9/2017
City of Richmond	4/16/2010	\$ 630,000.00		\$ 27,870,000.00
Alliant Insurance Services, Inc - Insurance Payment	4/20/2010	\$ 4,130,000.00		\$ 23,740,000.00
First American Fund Control (FAFC) Setup Fee	4/20/2010	\$ 1,000.00		\$ 23,739,000.00
Upstream Point Molate - Remediation Work	4/30/2010	\$ 170,000.00		\$ 23,569,000.00
Savings Interest - April 2010	5/10/2010		\$ 1,989.85	\$ 23,570,989.85
Savings Interest - April 2010	5/12/2010		\$ 3,218.95	\$ 23,574,208.80
Savings Interest - May 2010	6/11/2010		\$ 2,712.51	\$ 23,576,921.31
Savings Interest - May 2010	6/11/2010		\$ 4,521.30	\$ 23,581,442.61
Arcadis US Inc.	7/15/2010	\$ 165,343.93		\$ 23,416,098.68
Contra Costa County	7/15/2010	\$ 1,264.00		\$ 23,414,834.68
Savings Interest - June 2010	7/26/2010		\$ 493.14	\$ 23,415,327.82
Savings Interest - June 2010	7/26/2010		\$ 493.14	\$ 23,415,820.96
FAFC Bank Charge	7/26/2010	\$ 20.00		\$ 23,415,800.96
FAFC Bank Charge	7/26/2010	\$ 20.00		\$ 23,415,780.96
Savings Interest - June 2010	7/26/2010		\$ 2,852.41	\$ 23,418,633.37
Savings Interest - June 2010	7/26/2010		\$ 5,330.73	\$ 23,423,964.10
Savings Interest - July 2010	8/11/2010		\$ 732.37	\$ 23,424,696.47
Savings Interest - July 2010	8/11/2010		\$ 732.37	\$ 23,425,428.84
Savings Interest - July 2010	8/11/2010		\$ 2,409.34	\$ 23,427,838.18
Savings Interest - July 2010	8/11/2010		\$ 4,830.04	\$ 23,432,668.22
FAFC Fee Slip - May - July 2010	8/16/2010	\$ 900.00		\$ 23,431,768.22
City of Richmond - MoFo Reimbursement	8/20/2010	\$ 4,016.25		\$ 23,427,751.97
Transfer August Maintenance Fee	9/13/2010		\$ -	\$ 23,427,751.97
FAFC Fee Slip - August 2010	9/13/2010	\$ 300.00		\$ 23,427,451.97
Savings Interest - August 2010	9/15/2010		\$ 773.33	\$ 23,428,225.30
Savings Interest - August 2010	9/15/2010		\$ 773.33	\$ 23,428,998.63
Savings Interest - August 2010	9/15/2010		\$ 2,564.97	\$ 23,431,563.60
Savings Interest - August 2010	9/15/2010		\$ 5,136.59	\$ 23,436,700.19
FAFC Fee Slip - September 2010	10/7/2010	\$ 300.00		\$ 23,436,400.19
City of Richmond - MoFo Reimbursement	10/18/2010	\$ 15,503.75		\$ 23,420,896.44
Arcadis US Inc.	10/18/2010	\$ 121,923.17		\$ 23,298,973.27
Contra Costa County	10/18/2010	\$ 632.00		\$ 23,298,341.27
Savings Interest - September 2010	10/20/2010		\$ 725.31	\$ 23,299,066.58
Savings Interest - September 2010	10/20/2010		\$ 725.31	\$ 23,299,791.89
Savings Interest - September 2010	10/20/2010		\$ 2,405.12	\$ 23,302,197.01
Savings Interest - September 2010	10/20/2010		\$ 4,817.12	\$ 23,307,014.13
First American Fund Control	11/1/2010	\$ 2,704.15		\$ 23,304,309.98
FAFC Fee Slip - October 2010	11/8/2010	\$ 300.00		\$ 23,304,009.98
State Water Resources Control Board	11/10/2010	\$ 796.00		\$ 23,303,213.98
City of Richmond - MoFo Reimbursement	11/10/2010	\$ 9,766.50		\$ 23,293,447.48
Savings Interest - October 2010	11/17/2010		\$ 696.94	\$ 23,294,144.42
Savings Interest - October 2010	11/17/2010		\$ 2,322.38	\$ 23,296,466.80
Savings Interest - October 2010	11/17/2010		\$ 4,647.05	\$ 23,301,113.85
Contra Costa County - Refund	11/19/2010	\$ -	\$ 158.00	\$ 23,301,271.85

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Transactions	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
State Water Resources Control Board	12/3/2010	\$ 3,553.88		\$ 23,297,717.97
Savings Interest - November 2010	12/15/2010		\$ 5,110.49	\$ 23,302,828.46
Savings Interest - November 2010	12/15/2010		\$ 760.49	\$ 23,303,588.95
Arcadis US Inc.	1/5/2011	\$ 105,245.30		\$ 23,198,343.65
RORE, Inc.	1/5/2011	\$ 31,581.00		\$ 23,166,762.65
Terraphase Engineering, Inc.	1/5/2011	\$ 37,142.09		\$ 23,129,620.56
Winehaven Partners, LLC	1/5/2011	\$ 5,418.11		\$ 23,124,202.45
Contra Costa Environmental Health	1/5/2011	\$ 474.00		\$ 23,123,728.45
City of Richmond - MoFo Reimbursement	1/5/2011	\$ 446.25		\$ 23,123,282.20
FAFC Fee Slip - November 2010	1/5/2011	\$ 300.00		\$ 23,122,982.20
Savings Interest - December 2010	1/26/2011		\$ 654.76	\$ 23,123,636.96
Savings Interest - December 2010	1/26/2011		\$ 4,621.71	\$ 23,128,258.67
Savings Interest - December 2010	1/26/2011		\$ 4,951.46	\$ 23,133,210.13
FAFC Fee Slip - December 2010	2/8/2011	\$ 300.00		\$ 23,132,910.13
FAFC Fee Slip - January 2011	2/8/2011	\$ 300.00		\$ 23,132,610.13
Terraphase Engineering, Inc.	2/16/2011	\$ 63,617.92		\$ 23,068,992.21
Winehaven Partners, LLC	2/16/2011	\$ 2,753.49		\$ 23,066,238.72
Contra Costa Environmental Health	2/16/2011	\$ 474.00		\$ 23,065,764.72
Savings Interest - January 2011	2/28/2011		\$ 567.29	\$ 23,066,332.01
Savings Interest - January 2011	2/28/2011		\$ 2,056.91	\$ 23,068,388.92
Savings Interest - January 2011	2/28/2011		\$ 4,918.91	\$ 23,073,307.83
Savings Interest - February 2011	3/1/2011		\$ 1,795.24	\$ 23,075,103.07
Bank Charges - February 2011	3/2/2011	\$ 35.00		\$ 23,075,068.07
Savings Interest Adjustment - February 2011	3/3/2011		\$ 411.38	\$ 23,075,479.45
Savings Interest - February 2011	3/3/2011		\$ 504.17	\$ 23,075,983.62
Savings Interest - June 2010	3/7/2011		\$ (493.14)	\$ 23,075,490.48
Bank Charge	3/7/2011		\$ 20.00	\$ 23,075,510.48
Savings Interest - July 2010	3/7/2011		\$ (732.37)	\$ 23,074,778.11
Savings Interest - August 2010	3/7/2011		\$ (773.33)	\$ 23,074,004.78
Savings Interest - September 2010	3/7/2011		\$ (725.31)	\$ 23,073,279.47
Savings Interest	3/7/2011		\$ 2,704.15	\$ 23,075,983.62
Savings Interest - February 2011	3/28/2011		\$ -	\$ 23,075,983.62
Savings Interest - February 2011	3/28/2011		\$ 4,435.35	\$ 23,080,418.97
Bank Charges - February 2010	3/28/2011	\$ 35.00		\$ 23,080,383.97
Savings Interest - March 2011	4/11/2011		\$ 1,150.69	\$ 23,081,534.66
Savings Interest - March 2011	4/11/2011		\$ 1,150.69	\$ 23,082,685.35
Terraphase Engineering, Inc. c/o Bookkeeping	4/18/2011	\$ 168,063.37		\$ 22,914,621.98
Winehaven Partners, LLC	4/18/2011	\$ 2,680.76		\$ 22,911,941.22
State Water Resources Control Board	4/18/2011	\$ 7,765.81		\$ 22,904,175.41
FAFC Fee Slip - Feb. to April 2011	4/18/2011	\$ 900.00		\$ 22,903,275.41
Bank Charges - March 2011	4/25/2011	\$ (35.00)		\$ 22,903,310.41
Savings Interest - March 2011	4/25/2011		\$ 4,904.82	\$ 22,908,215.23
Savings Interest - March 2011	4/25/2011		\$ 430.34	\$ 22,908,645.57
Savings Interest - March 2011	4/25/2011		\$ 82.19	\$ 22,908,727.76
FAFC Fee Slip - May 2011	5/6/2011	\$ 300.00		\$ 22,908,427.76
Savings Interest - April 2011	5/18/2011		\$ 4,575.58	\$ 22,913,003.34
Savings Interest - April 2011	5/18/2011		\$ 1,024.62	\$ 22,914,027.96
Savings Interest - April 2011	5/18/2011		\$ 1,025.75	\$ 22,915,053.71
Savings Interest - April 2011	5/18/2011		\$ 415.61	\$ 22,915,469.32
Savings Interest - March 2011	5/25/2011		\$ 2,058.59	\$ 22,917,527.91
Savings Interest - April 2011	5/25/2011		\$ 2,180.76	\$ 22,919,708.67
Terraphase Engineering, Inc	6/6/2011	\$ 78,656.54		\$ 22,841,052.13
Winehaven Partners, LLC	6/6/2011	\$ 362.75		\$ 22,840,689.38
FAFC Fee Slip - June 2011	6/6/2011	\$ 300.00		\$ 22,840,389.38
Savings Interest - May 2011	6/22/2011		\$ 1,710.88	\$ 22,842,100.26
Savings Interest - May 2011	6/22/2011		\$ 5,027.83	\$ 22,847,128.09

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Transactions	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Savings Interest - May 2011	6/22/2011		\$ 427.76	\$ 22,847,555.85
Savings Interest - May 2011	6/22/2011		\$ 523.78	\$ 22,848,079.63
Savings Interest - May 2011	6/22/2011		\$ 1,049.53	\$ 22,849,129.16
Savings Interest - May 2011	6/22/2011		\$ 1,049.53	\$ 22,850,178.69
Difference between staff calculations and FAFC balance	6/30/2011		\$ 8.63	\$ 22,850,187.32
Terraphase Engineering, Inc. c/o Bookkeeping	7/7/2011	\$ 66,639.77		\$ 22,783,547.55
Winehaven Partners, LLC	7/7/2011	\$ 4,352.37		\$ 22,779,195.18
Savings Interest - June 2011	7/18/2011		\$ 7,000.65	\$ 22,786,195.83
Savings Interest - June 2011	7/18/2011		\$ 419.20	\$ 22,786,615.03
Savings Interest - June 2011	7/20/2011		\$ 2,034.00	\$ 22,788,649.03
Terraphase Engineering, Inc. c/o Bookkeeping	7/29/2011	\$ 37,573.67		\$ 22,751,075.36
Winehaven Partners, LLC	7/29/2011	\$ 574.96		\$ 22,750,500.40
State Water Resources Control Board	7/29/2011	\$ 8,397.38		\$ 22,742,103.02
FAFC Fee Slip - July 2011	7/29/2011	\$ 300.00		\$ 22,741,803.02
Terraphase Engineering, Inc. c/o Bookkeeping	8/23/2011	\$ 99,184.28		\$ 22,642,618.74
Winehaven Partners, LLC	8/23/2011	\$ 221.78		\$ 22,642,396.96
Contra Costa Environmental Health	8/23/2011	\$ 474.00		\$ 22,641,922.96
FAFC Fee Slip - August 2011	8/23/2011	\$ 300.00		\$ 22,641,622.96
Savings Interest - July 2011	8/24/2011		\$ 7,096.07	\$ 22,648,719.03
Savings Interest - July 2011	8/24/2011		\$ 2,097.56	\$ 22,650,816.59
Savings Interest	9/1/2011		\$ 8,047.46	\$ 22,658,864.05
City of Richmond - MoFo Reimbursement	9/8/2011	\$ 3,098.75		\$ 22,655,765.30
City of Richmond - Nichols Reimbursement	9/8/2011	\$ 9,655.72		\$ 22,646,109.58
FAFC Fee Slip - September 2011	9/8/2011	\$ 300.00		\$ 22,645,809.58
Terraphase Engineering, Inc. c/o Bookkeeping	9/14/2011	\$ 109,635.96		\$ 22,536,173.62
Winehaven Partners, LLC	9/14/2011	\$ 89.96		\$ 22,536,083.66
Savings Interest - August 2011	9/19/2011		\$ 2,090.17	\$ 22,538,173.83
Savings Interest - September 2011	10/12/2011		\$ 6,224.06	\$ 22,544,397.89
Terraphase Engineering, Inc. c/o Bookkeeping	10/21/2011	\$ 51,791.39		\$ 22,492,606.50
Winehaven Partners, LLC	10/21/2011	\$ 136.55		\$ 22,492,469.95
City of Richmond - MoFo Reimbursement	10/21/2011	\$ 7,505.00		\$ 22,484,964.95
Morrison & Foerster LLP	10/21/2011	\$ 3,520.00		\$ 22,481,444.95
Nichols Consulting Engineers, CHTD	10/21/2011	\$ 6,234.50		\$ 22,475,210.45
State Water Resources Control Board	10/21/2011	\$ 30,340.20		\$ 22,444,870.25
PG&E	10/21/2011	\$ 6,626.33		\$ 22,438,243.92
Savings Interest - September 2011	10/26/2011		\$ 1,997.61	\$ 22,440,241.53
Bank Saving Charge	11/1/2011	\$ 20.00		\$ 22,440,221.53
Savings Interest - October 2011	11/1/2011		\$ 1,265.06	\$ 22,441,486.59
Terraphase Engineering, Inc. c/o Bookkeeping	11/14/2011	\$ 71,065.26		\$ 22,370,421.33
Winehaven Partners, LLC	11/14/2011	\$ 127.23		\$ 22,370,294.10
Contra Costa Environmental Health	11/14/2011	\$ 474.00		\$ 22,369,820.10
Morrison & Foerster LLP	11/14/2011	\$ 1,933.75		\$ 22,367,886.35
Savings Interest - October 2011	11/21/2011		\$ 2,030.42	\$ 22,369,916.77
Terraphase Engineering, Inc. c/o Bookkeeping	12/8/2011	\$ 158,309.56		\$ 22,211,607.21
Winehaven Partners, LLC	12/8/2011	\$ 127.36		\$ 22,211,479.85
Morrison & Foerster LLP	12/8/2011	\$ 5,305.00		\$ 22,206,174.85
Nichols Consulting Engineers, CHTD	12/8/2011	\$ 4,845.00		\$ 22,201,329.85
State Water Resources Control Board	12/8/2011	\$ 36,003.36		\$ 22,165,326.49
PG&E	12/8/2011	\$ 3,016.85		\$ 22,162,309.64
FAFC Fee Slip - November & December 2011	12/8/2011	\$ 600.00		\$ 22,161,709.64
Savings Interest - November 2011	12/12/2011		\$ 1,955.50	\$ 22,163,665.14
Terraphase Engineering, Inc.	1/25/2012	\$ 110,282.57		\$ 22,053,382.57
Winehaven Partners, LLC	1/25/2012	\$ 127.42		\$ 22,053,255.15
Morrison & Foerster LLP	1/25/2012	\$ 297.50		\$ 22,052,957.65
State Water Resources Control Board	1/25/2012	\$ 11,195.00		\$ 22,041,762.65
Contra Costa Health Services	1/25/2012	\$ 395.00		\$ 22,041,367.65

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Transactions	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Savings Interest - Decemberr 2011	1/30/2012		\$ 2,005.79	\$ 22,043,373.44
Savings Interest - January 2012	2/22/2012		\$ 1,997.55	\$ 22,045,370.99
FAFC Fee Slip - January & February 2012	2/29/2012	\$ 600.00		\$ 22,044,770.99
FAFC Fee Slip - March 2012	3/8/2012	\$ 300.00		\$ 22,044,470.99
FAFC Fee Slip - October 2011	3/8/2012	\$ 300.00		\$ 22,044,170.99
Savings Interest - February 2012	3/14/2012		\$ 1,860.86	\$ 22,046,031.85
Terraphase Engineering, Inc.	3/15/2012	\$ 61,726.26		\$ 21,984,305.59
Terraphase Engineering, Inc.	3/15/2012	\$ 145,489.51		\$ 21,838,816.08
Morrison & Foerster LLP	3/15/2012	\$ 5,801.25		\$ 21,833,014.83
State Water Resources Control Board	3/15/2012	\$ 48,269.05		\$ 21,784,745.78
PG&E	3/15/2012	\$ 3,026.91		\$ 21,781,718.87
FAFC Fee Slip - April 2012	4/16/2012	\$ 300.00		\$ 21,781,418.87
Terraphase Engineering, Inc.	4/23/2012	\$ 121,263.22		\$ 21,660,155.65
Winehaven Partners, LLC	4/23/2012	\$ 137.42		\$ 21,660,018.23
Winehaven Partners, LLC	4/23/2012		\$ 127.42	\$ 21,660,145.65
Morrison & Foerster LLP	4/23/2012	\$ 1,611.25		\$ 21,658,534.40
Savings Interest - March 2012	4/30/2012		\$ 1,979.63	\$ 21,660,514.03
FAFC Fee Slip - May 2012	5/18/2012	\$ 300.00		\$ 21,660,214.03
Terraphase Engineering, Inc.	5/18/2012	\$ 154,907.80		\$ 21,505,306.23
Morrison & Foerster LLP	5/18/2012	\$ 297.50		\$ 21,505,008.73
Savings Interest - April 2012	5/21/2012		\$ 1,900.11	\$ 21,506,908.84
FAFC Fee Slip - May 2012	6/7/2012	\$ 290.00		\$ 21,506,618.84
Savings Interest - May 2012	6/18/2012		\$ 1,950.31	\$ 21,508,569.15
Terraphase Engineering, Inc.	7/9/2012	\$ 129,899.78		\$ 21,378,669.37
Morrison & Foerster LLP	7/9/2012	\$ 1,041.25		\$ 21,377,628.12
City of Richmond - MoFo Reimbursement	7/9/2012	\$ 10,614.35		\$ 21,367,013.77
AT&T	7/9/2012	\$ 34.16		\$ 21,366,979.61
State Water Resources Control Board	7/9/2012	\$ 40,507.27		\$ 21,326,472.34
City of Richmond - Single audit Reimbursement	7/9/2012	\$ 10,234.00		\$ 21,316,238.34
Nichols Consulting Engineers, CHTD	7/9/2012	\$ 22,670.75		\$ 21,293,567.59
Savings Interest - June 2012	7/16/2012		\$ 1,879.15	\$ 21,295,446.74
Terraphase Engineering, Inc.	7/20/2012	\$ 133,279.02		\$ 21,162,167.72
Savings Interest - July 2012	8/22/2012		\$ 1,929.33	\$ 21,164,097.05
Terraphase Engineering, Inc.	8/29/2012	\$ 70,585.19		\$ 21,092,511.86
Contra Costa Health Services	8/29/2012	\$ 632.00		\$ 21,092,879.86
Savings Interest - August 2012	9/12/2012		\$ 1,923.15	\$ 21,094,803.01
Terraphase Engineering, Inc.	9/19/2012	\$ 68,665.72		\$ 21,026,137.29
FAFC Fee Slip - May 2012	10/1/2012	\$ 900.00		\$ 21,025,237.29
FAFC Fee Slip - May 2012	10/9/2012	\$ 300.00		\$ 21,024,937.29
Savings Interest - September 2012	10/15/2012		\$ 1,853.35	\$ 21,026,790.64
Terraphase Engineering, Inc.	10/30/2012	\$ 103,672.81		\$ 20,923,117.83
Contra Costa Health Services	10/30/2012	\$ 316.00		\$ 20,922,801.83
State Water Resources Control Board	10/30/2012	\$ 31,116.76		\$ 20,891,685.07
Savings Interest - October 2012	11/16/2012		\$ 1,911.44	\$ 20,893,596.51
State Water Resources Control Board	12/6/2012	\$ 11,195.00		\$ 20,882,401.51
Nichols Consulting Engineers, CHTD	12/6/2012	\$ 12,945.00		\$ 20,869,456.51
Terraphase Engineering, Inc.	12/6/2012	\$ 174,878.31		\$ 20,694,578.20
FAFC Fee Slip - November 2012	12/11/2012	\$ 300.00		\$ 20,694,278.20
FAFC Fee Slip - December 2012	12/11/2012	\$ 300.00		\$ 20,693,978.20
Savings Interest - Novemeber 2012	12/19/2012		\$ 1,838.75	\$ 20,695,816.95
Nichols Consulting Engineers, CHTD	12/21/2012	\$ 2,016.64		\$ 20,693,800.31
Terraphase Engineering, Inc.	12/21/2012	\$ 269,077.05		\$ 20,424,723.26
FAFC Fee Slip - January 2013	1/7/2013	\$ 300.00		\$ 20,424,423.26
Savings Interest - December 2012	1/23/2013		\$ 1,885.68	\$ 20,426,308.94
Nichols Consulting Engineers, CHTD	1/29/2013	\$ 1,905.00		\$ 20,424,403.94
FAFC Fee Slip - February 2013	2/8/2013	\$ 300.00		\$ 20,424,103.94
Terraphase Engineering, Inc.	2/12/2013	\$ 281,577.64		\$ 20,142,526.30
Contra Costa Health Services	2/12/2013	\$ 316.00		\$ 20,142,210.30
Savings Interest - January 2013	2/13/2013		\$ 3,340.54	\$ 20,145,550.84
FAFC Fee Slip - March 2013	3/4/2013	\$ 300.00		\$ 20,145,250.84
Savings Interest - February 2013	3/18/2013		\$ 3,040.52	\$ 20,148,291.36
Terraphase Engineering, Inc.	4/2/2013	\$ 202,972.88		\$ 19,945,318.48

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Transactions	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
State Water Resources Control Board	4/2/2013	\$ 23,492.08		\$ 19,921,826.40
FAFC Fee Slip - April 2013	4/4/2013	\$ 300.00		\$ 19,921,526.40
Savings Interest - March 2013	4/16/2013		\$ 3,346.60	\$ 19,924,873.00
Terraphase Engineering, Inc.	4/30/2013	\$ 82,590.63		\$ 19,842,282.37
Terraphase Engineering, Inc.	5/1/2013	\$ 75,316.43		\$ 19,766,965.94
FAFC Fee Slip - May 2013	5/1/2013	\$ 300.00		\$ 19,766,665.94
Savings Interest - April 2013	5/13/2013		\$ 3,206.73	\$ 19,769,872.67
Savings Interest - May 2013	6/14/2013		\$ 3,287.38	\$ 19,773,160.05
Terraphase Engineering, Inc.	6/14/2013	\$ 43,556.01		\$ 19,729,604.04
Contra Costa Health Services	6/14/2013	\$ 348.00		\$ 19,729,256.04
Savings Interest - June 2013	7/10/2013		\$ 3,180.04	\$ 19,732,436.08
FAFC Fee Slip - June & July 2013	8/2/2013	\$ 600.00		\$ 19,731,836.08
Terraphase Engineering, Inc.	8/8/2013	\$ 44,555.23		\$ 19,687,280.85
Contra Costa Health Services	8/8/2013	\$ 348.00		\$ 19,686,932.85
State Water Resources Control Board	8/8/2013	\$ 10,078.39		\$ 19,676,854.46
Terraphase Engineering, Inc.	8/8/2013	\$ 60,528.86		\$ 19,616,325.60
Nichols Consulting Engineers, CHTD	8/8/2013	\$ 1,046.00		\$ 19,615,279.60
Savings Interest - July 2013	8/12/2013		\$ 1,824.74	\$ 19,617,104.34
Savings Interest - August 2013	9/11/2013		\$ 1,818.23	\$ 19,618,922.57
Union Bank Fee	9/20/2013	\$ 1,560.00		\$ 19,617,362.57
Terraphase Engineering, Inc.	10/17/2013	\$ 51,248.57		\$ 19,566,114.00
Nichols Consulting Engineers, CHTD	10/17/2013	\$ 24,745.00		\$ 19,541,369.00
Terraphase Engineering, Inc.	11/15/2013	\$ 28,351.81		\$ 19,513,017.19
Terraphase Engineering, Inc.	12/18/2013	\$ 68,604.41		\$ 19,444,412.78
Contra Costa Health Services	12/18/2013	\$ 348.00		\$ 19,444,064.78
State Water Resources Control Board	12/18/2013	\$ 1,952.67		\$ 19,442,112.11
State Water Resources Control Board	12/18/2013	\$ 11,877.00		\$ 19,430,235.11
Terraphase Engineering, Inc.	12/20/2013	\$ 66,328.38		\$ 19,363,906.73
Interest earned	9/13 - 11/13		\$ 409.95	\$ 19,364,316.68
Terraphase Engineering, Inc.	2/10/2014	\$ 65,579.43		\$ 19,298,737.25
Contra Costa Health Services	2/10/2014	\$ 348.00		\$ 19,298,389.25
State Water Resources Control Board	2/10/2014	\$ 19,032.82		\$ 19,279,356.43
Terraphase Engineering, Inc.	3/17/2014	\$ 103,683.69		\$ 19,175,672.74
Terraphase Engineering, Inc.	3/27/2014	\$ 102,373.52		\$ 19,073,299.22
State Water Resources Control Board	3/27/2014	\$ 6,224.57		\$ 19,067,074.65
Interest earned	12/13 - 5/14		\$ 959.40	\$ 19,068,034.05
Terraphase Engineering, Inc.	5/6/2014	\$ 68,324.79		\$ 18,999,709.26
Terraphase Engineering, Inc.	6/3/2014	\$ 61,640.00		\$ 18,938,069.26
State Water Resources Control Board	6/3/2014	\$ 553.32		\$ 18,937,515.94
Contra Costa Health Services	6/3/2014	\$ 348.00		\$ 18,937,167.94
City of Richmond - 2012 Single Audit Reimbursement	6/3/2014	\$ 10,227.00		\$ 18,926,940.94
City of Richmond - 2013 Single Audit Reimbursement	6/3/2014	\$ 9,200.00		\$ 18,917,740.94
Terraphase Engineering, Inc.	7/11/2014	\$ 36,883.79		\$ 18,880,857.15
Terraphase Engineering, Inc.	8/2/2014	\$ 52,505.63		\$ 18,828,351.52
State Water Resources Control Board	8/2/2014	\$ 20,589.19		\$ 18,807,762.33
Nichols Consulting Engineers, CHTD	8/2/2014	\$ 18,683.67		\$ 18,789,078.66
Terraphase Engineering, Inc.	9/2/2014	\$ 51,882.72		\$ 18,737,195.94
Union Bank - Annual Fees (9/1/14 - 8/31/15)	9/17/2014	\$ 1,060.00		\$ 18,736,135.94
Terraphase Engineering, Inc.	9/27/2014	\$ 114,953.96		\$ 18,621,181.98
Nichols Consulting Engineers, CHTD	9/27/2014	\$ 57,071.54		\$ 18,564,110.44
BPXpress	9/27/2014	\$ 1,145.64		\$ 18,562,964.80
Terraphase Engineering, Inc.	10/25/2014	\$ 95,929.77		\$ 18,467,035.03
Pacific States Environmental Contractors, Inc.	10/31/2014	\$ 855,815.67		\$ 17,611,219.36
State Water Resources Control Board	11/19/2014	\$ 34,327.45		\$ 17,576,891.91
Terraphase Engineering, Inc.	11/27/2014	\$ 204,422.29		\$ 17,372,469.62
State Water Resources Control Board	11/27/2014	\$ 11,497.00		\$ 17,360,972.62
Pacific States Environmental Contractors, Inc.	12/10/2014	\$ 1,006,214.83		\$ 16,354,757.79
Pacific States Environmental Contractors, Inc.	1/9/2015	\$ 779,224.77		\$ 15,575,533.02
Nichols Consulting Engineers, CHTD	1/20/2015	\$ 24,708.88		\$ 15,550,824.14
Terraphase Engineering, Inc.	1/20/2015	\$ 104,493.74		\$ 15,446,330.40
State Water Resources Control Board	1/20/2015	\$ 11,497.00		\$ 15,434,833.40
Pacific States Environmental Contractors, Inc.	1/27/2015	\$ 23,947.99		\$ 15,410,885.41
Pacific States Environmental Contractors, Inc.	3/11/2015	\$ 67,017.85		\$ 15,343,867.56

Pt. Molate Remediation Budget Report
As of February 9, 2017

Transactions	Date	Expenditures As of 2/9/2017	Revenues As of 2/9/2017	Balance As of 2/9/2017
Terraphase Engineering, Inc.	3/11/2015	\$ 125,312.63		\$ 15,218,554.93
Terraphase Engineering, Inc.	3/11/2015	\$ 90,210.64		\$ 15,128,344.29
Pacific States Environmental Contractors, Inc.	3/19/2015	\$ 7,324.50		\$ 15,121,019.79
State Water Resources Control Board	3/19/2015	\$ 18,593.45		\$ 15,102,426.34
Terraphase Engineering, Inc.	3/26/2015	\$ 87,923.69		\$ 15,014,502.65
Terraphase Engineering, Inc.	4/23/2015	\$ 139,943.20		\$ 14,874,559.45
Pacific States Environmental Contractors, Inc.	5/27/2015	\$ 259,652.05		\$ 14,614,907.40
Nichols Consulting Engineers, CHTD	5/27/2015	\$ 19,792.56		\$ 14,595,114.84
Terraphase Engineering, Inc.	6/1/2015	\$ 125,374.10		\$ 14,469,740.74
Pacific States Environmental Contractors, Inc.	6/12/2015	\$ 1,705,593.08		\$ 12,764,147.66
Pacific States Environmental Contractors, Inc.	6/29/2015	\$ 2,211,213.49		\$ 10,552,934.17
State Water Resources Control Board	6/29/2015	\$ 13,325.32		\$ 10,539,608.85
City of Richmond (reimbursement for Single Audit)	6/29/2015	\$ 6,478.01		\$ 10,533,130.84
Nichols Consulting Engineers, CHTD	6/29/2015	\$ 43,179.74		\$ 10,489,951.10
Terraphase Engineering, Inc.	6/29/2015	\$ 126,704.25		\$ 10,363,246.85
Nichols Consulting Engineers, CHTD	7/28/2015	\$ 23,625.00		\$ 10,339,621.85
Terraphase Engineering, Inc.	8/3/2015	\$ 133,605.29		\$ 10,206,016.56
Pacific States Environmental Contractors, Inc.	8/11/2015	\$ 1,831,042.78		\$ 8,374,973.78
Pacific States Environmental Contractors, Inc.	9/17/2015	\$ 1,300,776.20		\$ 7,074,197.58
Terraphase Engineering, Inc.	9/17/2015	\$ 135,433.09		\$ 6,938,764.49
Union Bank Administrative Fees	9/23/2015	\$ 1,060.00		\$ 6,937,704.49
State Water Resources Control Board	10/28/2015	\$ 10,600.60		\$ 6,927,103.89
Terraphase Engineering, Inc.	10/28/2015	\$ 140,582.81		\$ 6,786,521.08
Nichols Consulting Engineers, CHTD	10/28/2015	\$ 12,601.89		\$ 6,773,919.19
State Water Resources Control Board - SCP Program	11/30/2015	\$ 15,344.24		\$ 6,758,574.95
Terraphase Engineering, Inc.	11/30/2015	\$ 88,207.01		\$ 6,670,367.94
Pacific States Environmental Contractors, Inc.	11/30/2015	\$ 153,431.01		\$ 6,516,936.93
State Water Resources Control Board	11/30/2015	\$ 659.00		\$ 6,516,277.93
Contra Costa Environmental Health	12/21/2015	\$ 522.00		\$ 6,515,755.93
Pacific States Environmental Contractors, Inc.	12/21/2015	\$ 425,137.76		\$ 6,090,618.17
Pacific States Environmental Contractors, Inc.	1/15/2016	\$ 279,641.87		\$ 5,810,976.30
State Water Resources Control Board	3/4/2016	\$ 4,519.18		\$ 5,806,457.12
Terraphase Engineering, Inc.	3/4/2016	\$ 32,548.97		\$ 5,773,908.15
Terraphase Engineering, Inc.	3/4/2016	\$ 131,231.71		\$ 5,642,676.44
Contra Costa Environmental Health	3/25/2016	\$ 565.10		\$ 5,642,111.34
State Water Resources Control Board	4/19/2016	\$ 4,519.18		\$ 5,637,592.16
Pacific States Environmental Contractors, Inc.	4/19/2016	\$ 498,835.98		\$ 5,138,756.18
Terraphase Engineering, Inc.	4/25/2016	\$ 46,568.64		\$ 5,092,187.54
Pacific States Environmental Contractors, Inc.	5/30/2016	\$ 16,660.48		\$ 5,075,527.06
State Water Resources Control Board	5/30/2016	\$ 16,621.30		\$ 5,058,905.76
City of Richmond (2015 Audit)	5/30/2016	\$ 32,839.37		\$ 5,026,066.39
State Water Resources Control Board	5/30/2016	\$ 7,500.00		\$ 5,018,566.39
Terraphase Engineering, Inc.	5/30/2016	\$ 69,945.45		\$ 4,948,620.94
Regional Monitoring Program	6/10/2016	\$ 7,500.00		\$ 4,941,120.94
State Water Resources Control Board (Reimbursement)	6/30/2016		\$ 400.00	\$ 4,941,520.94
Pacific States Environmental Contractors, Inc.	9/7/2016	\$ 215,896.40		\$ 4,725,624.54
Union Bank Administrative Fees	9/22/2016	\$ 1,060.00		\$ 4,724,564.54
Pacific States Environmental Contractors, Inc.	9/28/2016	\$ 90,000.00		\$ 4,634,564.54
State Water Resources Control Board	9/28/2016	\$ 15,371.77		\$ 4,619,192.77
Terraphase Engineering, Inc.	9/28/2016	\$ 260,319.65		\$ 4,358,873.12
Contra Costa Environmental Health	9/28/2016	\$ 1,044.00		\$ 4,357,829.12
Terraphase Engineering, Inc.	11/1/2016	\$ 53,040.20		\$ 4,304,788.92
Contra Costa Environmental Health	11/1/2016	\$ 1,044.40		\$ 4,303,744.52
Nichols Consulting Engineers, CHTD	11/3/2016	\$ 21,364.55		\$ 4,282,379.97
Terraphase Engineering, Inc.	12/5/2016	\$ 233,484.70		\$ 4,048,895.27
State Water Resources Control Board	12/5/2016	\$ 909.00		\$ 4,047,986.27
State Water Resources Control Board	12/5/2016	\$ 6,235.91		\$ 4,041,750.36
Terraphase Engineering, Inc.	2/1/2017	\$ 155,397.57		\$ 3,886,352.79
Contra Costa Health Services	2/1/2017	\$ 609.00		\$ 3,885,743.79
Current as of 2/9/2017		\$ 24,822,017.96	\$ 207,761.75	
Remaining Balance				\$ 3,885,743.79

Pt. Molate FY2016-17 Budget

Department	Account	Item	Vendor	Budget	Actual	Encumb.	Balance
Non-Departmental	01917090-400218	Security	DP Security	\$ 253,331	\$ -	\$ 34,830	\$ 253,331
Public Works	01233631-400537	Landscape	D&H Landscaping	\$ 83,940	\$ 49,110	\$ 34,830	\$ -
				<u>\$ 337,271</u>	<u>\$ 49,110</u>	<u>\$ 34,830</u>	<u>\$ 253,331</u>

As of January 31, 2017

February 6, 2017

Captain Louie Tirona
Southern District Commander
Richmond Police Department
Richmond, CA, 94806



FIRST SECURITY SERVICES

PPO 11167
1801 Oakland Blvd #315
Walnut Creek, CA 94596
Office: (925) 295-1260
Fax: (510) 899-1444

Rich Fratus
Branch Manager
(510) 410-9175
Rfratus@firstsecurityservices.com

During the Month of January 2017, First Security Services maintained 128 hours per week of contracted security services. 1500-0700 hours (Mon-Fri), and 24 Hour weekend coverage.

The deployment of security at Point Molate, consist of the following service standards.

1. To monitor activity of the lower portion of the region to include the shoreline and perimeter fencing from a Mobile Position. Security personnel will also monitor all activities within the Point Molate region to include visitors and contractors during our onsite patrol hours.
2. During patrol hours First Security utilizes our FirstWatch patrolling and Incident reporting system. All site location activity tracks the movement of assigned security personnel to ensure that security expectations and contracts requirements are being fulfilled.
3. Document all contractors and visitor entry with prior approval per provided Release, Waiver of Liability and Indemnity agreement.

The reflected information is detail surrounding the security service at the Point Molate site during the month of January, 2016.

Primary Security Personnel Assigned:

Patrol Officers: Mussa Mohammed, Arlington Reed, Gilbert Pete and Rudy Reyes.

Supervisors: Alex Treadwell and LaMeisha Reed and Operation Manager Michael Ward

First Security Services personnel initiated **986** security checks within the Designated Point Molate Patrol area during January 2017.

Incident Reports:

1 /11/17- Incident Escalation: Security officers reported downed trees and fence damage in the housing entry location and Building 6, Gate 6 locations





FIRST SECURITY SERVICES

PPO 11167

1801 Oakland Blvd #315
Walnut Creek, CA 94596
Office: (925) 295-1260
Fax: (510) 899-1444

Rich Fratus
Branch Manager
(510) 410-9175

Rfratus@firstsecurityservices.com

- 1/26/17- Incident Escalation: Security officers reported that the pier master lock is on the gate and was city lock was not interlocked for city access.

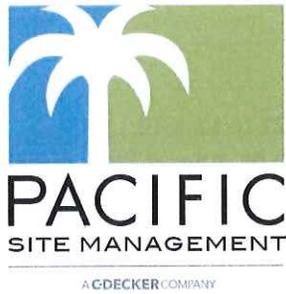
Follow Up 1/30/17: Action was taken to remove the reported lock and interlock so the Pier can be accessed by Security, City staff and those accessing using the City lock system.

Administrative Action Take:

- 1/10/17; Annual approved entry paperwork rollout. Entry waiver forms were confirmed valid for the entire year.
- 1/12/17; Dr. Potrero annual entry authorized. Planned tour with artists for viewing of the cottages.

Site Environmental Concerns:

- Continued, No Driving directives on IR Site (3) and shoreline area due to state regulators native grass grow initiative.
- Wayne Madison was contacted by Water Board due to reports that there was an active sewer line in Pt Molate with sewage flowing out towards the bay. Wayne advised that there are no active sewer lines within Pt Molate.



PMCAC Landscapers Report

Please see update on landscaping at Point Molate as well as attached pictures of work done:

January 5th and 6th

- Abatement of grass along fence line on Stenmark Dr. between Road "B" and main entrance
- Finished abatement of Stinkwort weed and other weeds in main parking lot.



January 12th and 13th

- Mowed tank #11
- Abatement of Road "G" from VB21 to tank 10
- Created estimate for tree work to be done at Point Molate. Tree work is being recommended to be done in 3 different phases based upon danger of trees falling or being dead and with comparison to falling hazard to roads. ESTIMATE FOR PHASE 1 (Priority 1 trees, most dangerous) IS ATTACHED TO THIS REPORT.
- Estimate was also sent to Greg Hardesty for approval on removal of (2) fallen Eucalyptus trees.



January 19th and 20th

- Created Tank Mowing Schedule. Mowing Schedule is attached to this report.
- Began Abatement of Road "C"



January 26th and 27th

- **PLEASE NOTE:** Minimal Work done on January 27th due to weather conditions.
- Completed Abatement of Road "C"



- **No signs of vandalism on the tank vents.**

Investigated vandalism on vents of tanks 1, 18, 19. No major vandalism was found. It's being recommended to have tank vents be re-painted within the next 6 months.



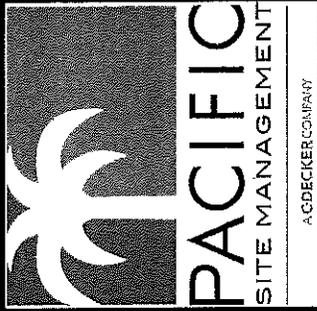
Work to be done for Month of February:

- Tank Mowing Schedule will be implemented
- Further monitoring of trees that may need to be trimmed. Please note some trees have fallen already. The picture below is on the main road from 1/27



Thank You,
Jonathan Lal

8.24

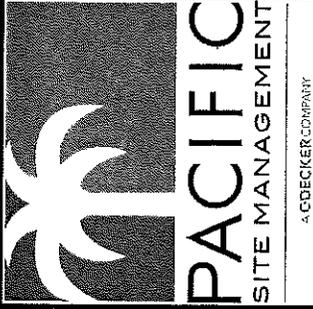


February 2017

Tank Mowing Schedule

Point Molate Abatement

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Mow Tanks 1-3,9-14,17	2 Mow Tanks 1-3,9-14,17	3 Mow Tanks 1-3,9-14,17	4
5	6	7	8 Mow Tanks 4-8,15,16,18-20	9 Mow Tanks 4-8,15,16,18-20	10 Mow Tanks 4-8,15,16,18-20	11
12	13	14	15 No Mowing Scheduled	16 No Mowing Scheduled	17 No Mowing Scheduled	18
19	20	21	22 No Mowing Scheduled	23 No Mowing Scheduled	24 No Mowing Scheduled	25
26	27	28				



March 2017

Tank Mowing Schedule

Point Molate Abatement

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



Point Molate - 4385

Point Molate
2100 Stenmark Dr.
Richmond, CA 94801

Estimate #1787

From Pacific Site Management
510-223-6597
www.pacificsitemanagement.com
13265 Bill Francis Drive
Auburn, CA 95603

Bill To PO Box 4046 - Finance Department
Richmond, CA 94804

Job Description Priority 1 Tree Trimming

Date 2/2/2017

Rep Jonathan

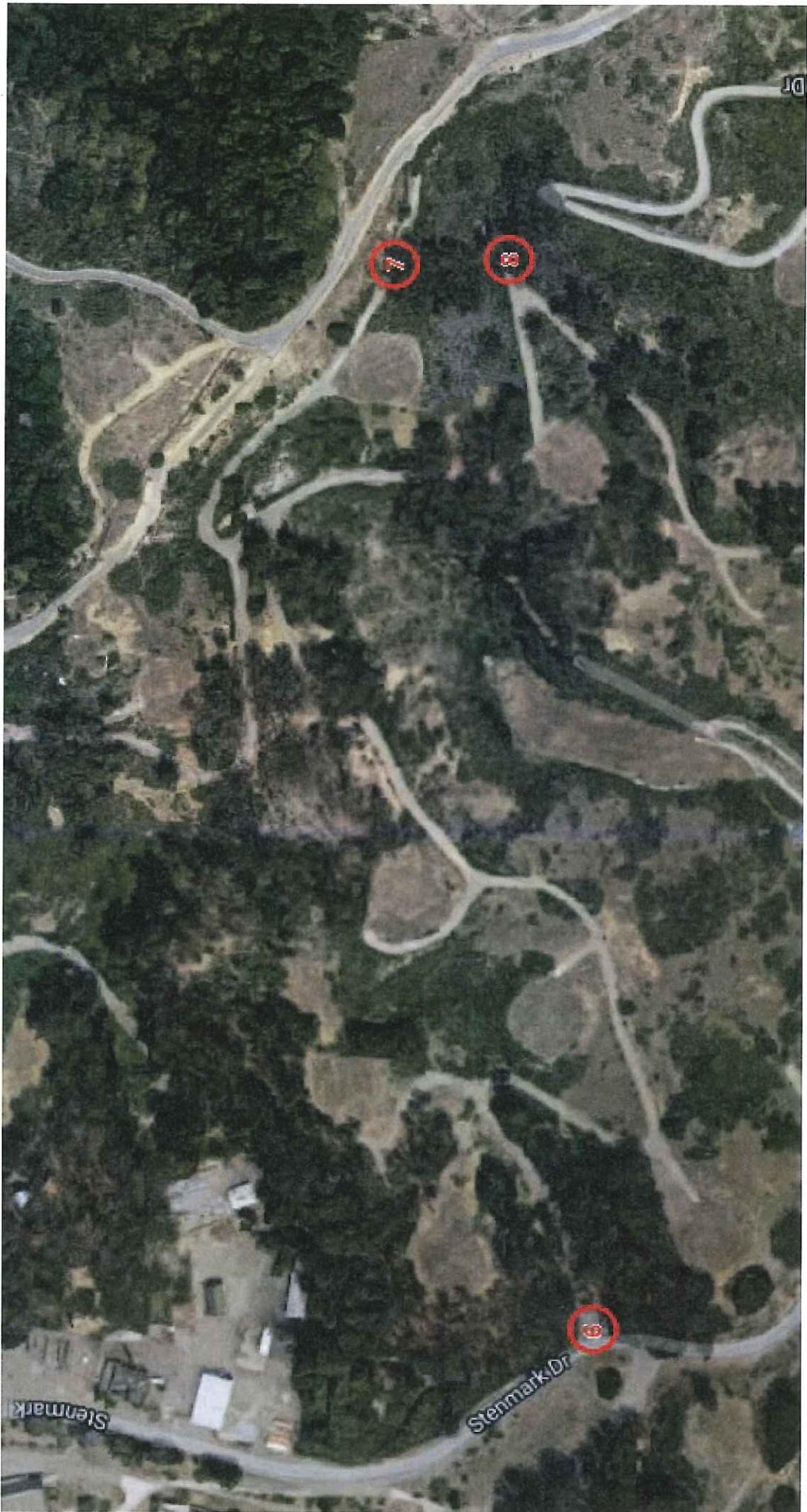
Service / Product	Description	Total
Priority 1 - Immediate Hazards and Liabilities	1) Pine - Remove Tree - removal of a tree to approximate grade. Location: Inside Fence (Dead) 2) Pine - Remove Tree - removal of a tree to approximate grade. Location: Inside Fence (Dead) 3) Willow - Remove Tree - removal of a tree to approximate grade. Location: Growing into fence. Note: entire tree may not be removed completely due to fence entanglement 4) Pine - Remove Tree - removal of a tree to approximate grade. Location: Outside of fence (Dead) 5) Pine - Remove Tree - removal of a tree to approximate grade. Location: 7' tall trunk (Dead) 6) Eucalyptus - Remove Tree - removal of a tree to approximate grade. Location: Leaning near light pole 86H 7) Eucalyptus - Crown Reduction - decreases the spread of a tree. (2-3 limbs over roadway) Location: Tank 15 8) Eucalyptus - Crown Reduction - decreases the spread of a tree. (3 limbs over roadway) Location: At road split to Road B Tree numbers are marked correspondingly on the attached map.	\$6,150.00

Total **\$6,150.00**

All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon orders and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents, weather or delays beyond our control. The information on this proposal is proprietary and is for the sole use of the intended party.
 Note: This proposal may be withdrawn by us if not accepted within 30 days.

Signature: _____ **Date:** _____

8.27



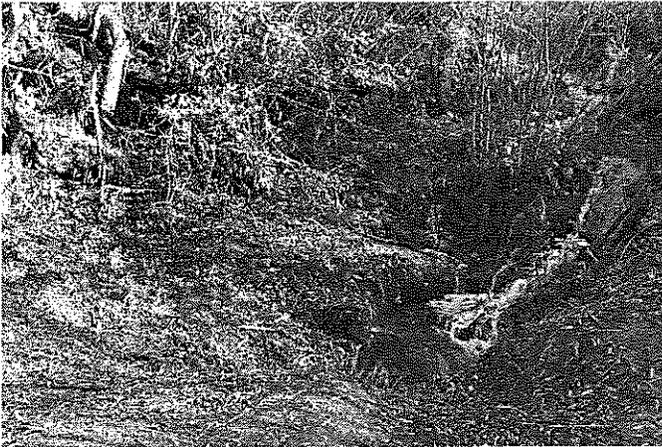


FRIENDS OF POINT MOLATE ACTIVITY REPORT FOR FEBRUARY 2017

WORK ACCOMPLISHED

The last few weeks have been marked by several workday rain outs.

The team cut up the willow tree that had fallen on the south spring which had been previously cleared in November. Jim M provided a flat of California Buttercups to plant next to the spring and they are already beginning to bloom. The next week Yampah was planted near the buttercups.

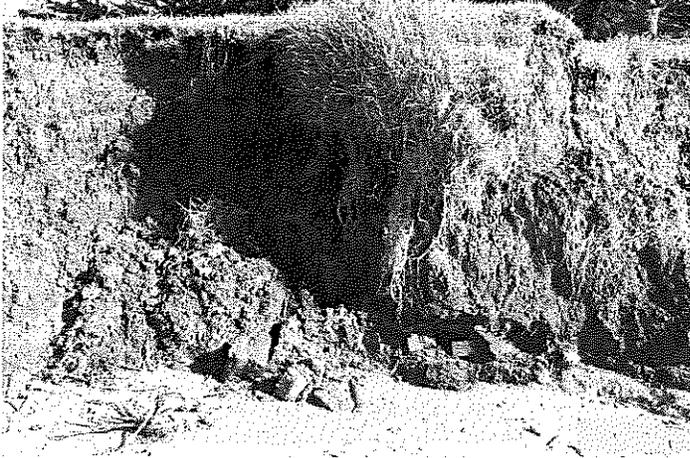


Although the heavy rains and king tides tore out many of the Monkey Flowers that Friends had planted last year along the bluff, they were able to collect them and replant. However most of the original plantings came through fine.

Another mow of the tallest grasses was done on the beach park.

BRICK PYLON EXPOSED

Volunteers spotted a brick pylon exposed on the beach by storm erosion. Later they met Linda McCrary of the Richmond Museum and Laurie Wilkie of U.C. Berkeley Archeology Department. It is believed to be a remnant from the Chinese Shrimp camps. The loose and broken bricks were collected for protection.



COMMUNITY MEMBERS WHO HAVE CONTRIBUTED THEIR TIME THIS MONTH Jim McKissock, Jim Hanson, Dorothy Gilbert, Charles Smith, Joe Puleo, Tom Johnson, Tom Gehling, Chia Hamilton, Jim Hite, Paul Carman and Mike Eichenholtz. Their combined efforts total to approximately 70-80 person-hours this month.

Paul Carman

Craig Murray

From: Jim Hanson ~~XXXXXXXXXXXXXXXXXXXX~~
Sent: Thursday, February 09, 2017 5:00 PM
To: Craig Murray
Cc: Joan Garrett
Subject: Fwd: Items for 2016 PMCAC annual report

Craig: Would you please add this to the Feb. agenda packet as a subcommittee/ad hoc report item. These are the recommended items for the PMCAC to review to include in a Annual Report to the Council for 2016.

Thank you,

Jim Hanson, Chairperson

----- Forwarded Message -----

Subject: bullet items for annual report
Date: Thu, 9 Feb 2017 15:26:26 -0800 (PST)
From: Joan Garrett ~~XXXXXXXXXXXXXXXXXXXX~~
To: ~~XXXXXXXXXXXXXXXXXXXX~~

Hi Jim -

Just cruising through the meeting notes for 2016 and the following were of note

We started 2016 with \$6,090,618.17 left in the escrow account (the excavation and remediation of IR Site 3 had been finished by Dec. 2015) and ended with \$4,041,750.38

During the course of 2016 Nematode Holdings license for was amended twice to expand the areas rented at Pt. Molate from a single section of building 123 to all of building 123, plus a number of other buildings, most clustered around 123, but also the pier, bldg 87 and the winehaven castle. The committee worked with legal and Tim Higaes of DIMO to ensure that Nematode was in compliance with local and state codes, licensing, and that the properties had been inspected, and the lease itself 'daylight' to understand and publish the full revenue flow of the rentals.

In a cost saving measure, the committee recommended termination of the contract with NCE as the bulk of the remediation work had been done, and there was dwindling need for their services

The committee provided a study session to council headed by Mark Howe reviewing costs and methods to upgrade infrastructure to provide adequate power for low intensity commercial use of the properties, and recommended in situ wastewater treatment for low intensity commercial use. Howe also provided analysis of market rate pricing for commercial use rental

The water board shifted two key criteria during 2016

1) Underground storage tanks would require analysis of soils at/below ground water table and bedrock before closures could be applied for

2) While FPAL levels for sites under active remediation would be grandfathered in, future work would need to conform to updated ESL's and quantification methodologies for TPH

3) additionally water board issued a technical guidance brief on identification and monitoring for polar compounds. The extent of applicability for this at Pt. Molate has yet to be determined.

At the behest of the Pt Molate Working Group and with financial support from TPL, the city engaged with the Urban Land Institute for a TAP review of Pt. Molate which was completed in April, final reports for which were published in June. Additionally, PMCAC held a joint meeting with the Pt. Molate Working Group to discuss the ULI/TAP findings.

PMCAC (Bruce Bayeart) provided a time lapse history of erosion of the shoreline at Pt. Molate indicating erosion rates of nearly a foot/year. Sections of the Burma rode have been undermined and collapsed.

PMCAC hosted Exec. Director Michael Boland of the Presidion Trust

and I think it needs to be mentioned that the PMCAC continues not to receive on a timely basis draft remediation work schedules and plans nor vendor contracts.