

CITY OF RICHMOND
Pt. Molate Community Advisory Committee
Monday, December 12, 2016 6:30 PM
Multi-Purpose Room, 440 Civic Center Plaza

Members:

Bruce Beyaert

Bruce Brubaker
Vice Chair

Paul Carman

Charles Duncan

Joan Garrett

Dorothy Gilbert

Don Gosney

Jim Hanson
Chair

Mark Howe

Bob McNeil

Connie Portero

Katrinka Ruk

AGENDA

1. **Call to Order** (1 min.)
2. **Roll Call** (1 min.)
3. **Welcome and Meeting Procedures** (1 min.)

Individuals who would like to address the committee on matters not listed on the agenda may do so under Open Forum. Please file a speaker's card with the note taker prior to the commencement of Open Forum. Individuals who want to comment on an individual item, please file a speaker's card before the item is called. The standard amount of time for each speaker will be three minutes.

At 8:30 PM, any items remaining on the agenda that require immediate attention may be taken out of turn, as necessary. All other items will be continued to another or the following committee meeting in order to make fair and attentive decisions. This meeting adjourns at 9:00 PM. The meeting may be extended by a majority vote of the committee.

4. **Agenda Review and Adoption** (2 min.)
The order in which items will be heard may be adjusted at this time. In addition, items may be removed from or placed on the Consent Calendar at this time.
5. **Announcements through the Chair** (2 min.)
 1. Introduction of new PMCAC Member Don Gosney
6. **Open Forum** (3 minutes per person limit)
7. **Presentations, Discussion & Action Items** (50 min.)
 - a. Discussion: Weekly and monthly remediation progress report out with Terraphase (10 min.), Q&A (5 min.) Bill Carson, Principal, Terraphase
 1. Monthly Report – October 2016
 2. Wetland Mitigation Project Update
 3. UST 3Q 2016 Report
 - b. Discussion: Pt Molate Land Use Designation Community Meetings – Gayle McLaughlin, PMCAC Council Liaison (10 min.), Q&A (10 min.)
 - c. Discussion: Bylaws Amendment and Agenda Streamlined – Bruce Brubaker, Vice Chair (10 min.), Q&A (5 min.)
8. **Staff Reports** (10 min.)
Following discussion of each item, the Committee may vote to make recommendations to staff or to the City Council.
 - a. **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
 9. IR Site 3 Remediation and Abatement Project
 10. Other –

CITY OF RICHMOND
Pt. Molate Community Advisory Committee
Monday, December 12, 2016 6:30 PM
Multi-Purpose Room, 440 Civic Center Plaza

AGENDA

Members:

Bruce Beyaert

Bruce Brubaker
Vice Chair

Paul Carman

Charles Duncan

Joan Garrett

Dorothy Gilbert

Don Gosney

Jim Hanson
Chair

Mark Howe

Bob McNeil

Connie Portero

Katrinka Ruk

9. Consent Calendar (2 min.)

Items on the consent calendar are considered matters requiring little or no discussion and will be acted upon in one motion

- a. APPROVE – PMCAC meeting minutes of October 10, 2016
- b. APPROVE – PMCAC meeting minutes of November 14, 2016

10. PMCAC Report to City Council (5 min.)

11. Future Agenda Items (5 min.)

- a. Community Meetings Report
- b. San Pablo Yacht Harbor Reuse
- c. Bike Skills Park
- d. Bay Trail/Pt San Pablo Peninsula
- e. Electric restoration
- f. River Otter Ecology Project

12. City Council Liaison Reports (12 min.)

- a. Report by Councilmember McLaughlin regarding recent issues in Richmond relevant to the Advisory Committee. (10 min.)
- b. PMCAC appointment status – TBD (2 min.)

13. Chair and Sub-Committee Reports (17 min.)

Following discussion of each item, the Committee may vote to make recommendations to staff or to the City Council.

- a. Clean-Up and Restoration (3 min.)
- b. Parks and Open Space (6 min.)
 1. Pt. Molate Shoreline Erosion Project
 2. Vegetation Management and Very High Fire Severity Zone
- c. Legal (3 min.)
- d. Finance (3 min.)
- e. ULI Ad Hoc Committee
- f. Chair (2 min.)
 1. Identification of pending schedule conflicts
 - a.

14. Adjournment of PMCAC regular meeting

15. Assemblage of PMCAC Standing Sub-Committees

Scheduled Meetings

Committee Meeting - Monday, January 9, 2016, 6:30 pm. This meeting is held in a building that is accessible to people with disabilities. Persons with disabilities, who require auxiliary aids of services using city facilities, services or programs or would like information of the city's compliance with the American Disabilities Act (ADA) of 1990, contact: Rochelle Monk, City of Richmond (510) 620-6511 (voice).

Pt. Molate Community Advisory Committee Staff Liaison Contact: Craig K. Murray (510) 307-8140, craig_murray@ci.richmond.ca.us

Agenda and minute information on the PMCAC can be found on the

City Clerk's web location: <http://ca-richmond2.civicplus.com/index.aspx?NID=2442>

Additional correspondence can be directed to PtMolateCAC@gmail.com

PMCAC Repository Information is available at: <https://docs.google.com/open?id=0B9WXrZeb-72MzVkJZW01ZDQfNWJwNC00ZjE4LTgxYjctOTQyMDk4Y2FjNDYw>



December 2, 2016

Ms. Margarete Beth
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

sent via: email

Subject: Monthly Remediation Status Report for Work in October 2016, Former Naval Fuel Depot Point Molate, Richmond, California

Dear Ms. Beth:

This monthly remediation status report summarizes the remediation activities conducted by Terraphase Engineering Inc. (Terraphase) on behalf of the City of Richmond at the former Naval Fuel Depot Point Molate (the Site). This remediation status report is intended to meet the requirements of Task 9 in the Regional Water Quality Control Board (RWQCB) Order R2-2011-0087 (RWQCB 2011d). The requirements of Task 9 are as follows:

The Discharger shall submit a report to the Regional Water Board, 30 days prior to the start of any onsite remediation activities, and then on a monthly basis beginning 30 days after the start of the remediation activities, outlining the onsite remediation activities accomplished during the past month and those planned for the following month. The first monthly report at the beginning of each quarter shall include monitoring and test results and any conclusions or proposed changes to the remediation process based on those results. If any changes to the remediation are proposed during any monthly report, applicable supporting monitoring or test data will be submitted at that time. The status report shall also verify that the Prohibitions in Section A, stipulated above, have been adhered to. Should any of those prohibitions be trespassed, the report shall propose a recommendation acceptable to the Executive Officer to correct the trespass.

This remediation status report provides a monthly update on the progress of environmental investigations, remediation, maintenance, and monitoring at the Site. This report is organized around each task listed in the RWQCB Order R2-2011-0087 (RWQCB 2011d). Additional tasks related to the Installation Restoration (IR) Site 3 Packaged Groundwater Treatment Plant (PGWTP) and site-wide groundwater monitoring are included below. For major work tasks completed in 2015, please see the monthly status report for December 2015 (Terraphase 2015aa). A reference list of reports and submittals is included as an attachment to this letter.

Terraphase Engineering Inc.
1404 Franklin Street, Suite 600
Oakland, California 94612
www.terrphase.com

7A1.1

Task 1: Soil Cleanup Goals (Compliance Date: February 13, 2012)

Work completed in October 2016:

1. None.

Major Work Items Previously Completed in 2016:

1. None.

Work completed in November 2016:

1. None.

Task 2: Soil and Groundwater Management Plan (Compliance Date: March 15, 2012)

Complete - *Final Soil and Groundwater Management Plan submitted to the RWQCB September 21, 2012 (Terraphase 2012jj).*

Task 3a: IR Site 3 Feasibility Study and Remedial Action Plan (Compliance Date: May 4, 2012 Revised: February 28, 2014)

Complete - *Final Feasibility Study and Remedial Action Plan submitted to the RWQCB June 4, 2014 (Terraphase 2014o).*

Task 3b: IR Site 3 Remedial Action Completion Report (Compliance Date: February 3, 2014 Revised: June 30, 2015)

Remedial Action commenced August 2014 and was substantially completed in November 2015.

Work completed in October 2016:

1. Preparation of Remedial Action Completion Report.

Major Work Items Previously Completed in 2016:

1. None.

Work completed in November 2016:

1. Preparation of Remedial Action Completion Report.

Task 4a: IR Site 4 Interim Remedial Action Work Plan (Compliance Date: April 3, 2012)

Complete - *IR Site 4 Interim Remedial Action Work Plan submitted to the RWQCB (Terraphase 2011r, 2012gg, 2012ii, and 2012mm).*

Task 4b: IR Site 4 Interim Remedial Action Completion Report (Compliance Date: November 2, 2012)

Complete - *Interim Remedial Measures Performance Evaluation, IR Site 4, Drum Lot2/Building 87 Area, Formal Naval Fuel Depot, Point Molate, Richmond, California. October 22 (Terraphase 2015u)*

Task 4c: IR Site 4 Human Health Risk Assessment (Compliance Date: November 4, 2013)

Work completed in October 2016:

1. Preparation of response to RWQCB comments on HHRA work plan.

Major Work Items Previously Completed in 2016:

1. Submittal of HHRA work plan (Terraphase 2016i).

Work completed in November 2016:

1. Preparation of response to RWQCB comments on HHRA work plan.

Task 4d: IR Site 4 Feasibility Study and Remedial Action Plan (Compliance Date: February 3, 2014)

Not Applicable. This task may not be necessary dependent upon the outcome of Task 4c. A revised completion date will be requested from the RWQCB.

Task 4e: IR Site 4 Remedial Action Completion Report (Compliance Date: February 3, 2015)

Not Applicable. This task may not be necessary dependent upon the outcome of Task 4c. A revised completion date will be requested from the RWQCB.

Task 5: UST Management Plan (Compliance Date: March 4, 2013)

Work completed in October 2016:

1. Review of RWQCB comments on tank closure request for UST 2.

Major Work Items Previously Completed in 2016:

1. Submittal of tank closure requests to the RWQCB for UST 2 (Terraphase 2016g).

Work completed in November 2016:

1. Review of RWQCB comments on tank closure request for UST 2.

Task 6: UST Removal Plan (Compliance Date: 90 days prior to UST demolition)

Not Applicable – Triggered when demolition of a UST is contemplated. No UST demolition is scheduled at this time.

Task 7: UST Status Report (Compliance Date: June 3, 2012)

Work completed in October 2016:

1. Conducted the routine monthly UST closure monitoring inspections.
2. Preparation of Q3 UST Monitoring Report.

Major Work Items Previously Completed in 2016:

1. Submittal of 2015 Q4 UST Monitoring Report (Terraphase 2016d).
2. Submittal of 2016 Q1 UST Monitoring Report (Terraphase 2016k).
3. Submittal of 2015 Q2 UST Monitoring Report (Terraphase 2016o).

Work completed in November 2016:

1. Conduct the routine monthly UST closure monitoring inspections.
2. Submittal of Q3 UST Monitoring Report (Terraphase 2016t).

Task 8: Amended Land Use Controls (Compliance Date: When environmental closure is requested)

Not Applicable. No closures have been requested.

Task 9: Remediation Status Reports (Compliance Date: Monthly)

Work completed in September 2016:

1. Submitted the monthly remediation status report for September 2016 (Terraphase 2016s) to the RWQCB.

Major Work Items Previously Completed in 2016:

1. Submitted the monthly remediation status report for January 2016 (Terraphase 2016f) to the RWQCB.
2. Submitted the monthly remediation status report for February 2016 (Terraphase 2016h) to the RWQCB.
3. Submitted the monthly remediation status report for March 2016 (Terraphase 2016j) to the RWQCB.
4. Submitted the monthly remediation status report for April 2016 (Terraphase 2016l) to the RWQCB.
5. Submitted the monthly remediation status report for May 2016 (Terraphase 2016m) to the RWQCB.
6. Submitted the monthly remediation status report for June 2016 (Terraphase 2016n) to the RWQCB.
7. Submitted the monthly remediation status report for July 2016 (Terraphase 2016p) to the RWQCB.
8. Submitted the monthly remediation status report for August 2016 (Terraphase 2016r) to the RWQCB.

Work completed in November 2016:

1. Submit the monthly remediation status report for October 2016 to the RWQCB.

Task 10: Discoveries During Facility Redevelopment (Compliance Date: 60 days from initial discovery)

None

Task 11: IR Site 1 ROD (Compliance Date: None)

Work completed in October 2016:

1. Routine monthly landfill inspection of signs, gates, locks, etc.
2. Preparation of IR Site 1 5 year review report.

Major Work Items Previously Completed in 2016:

1. Submittal of 2015 annual monitoring report (Terraphase 2016c).
2. Conducted cap repair for cracks identified by Contra Costa Environmental Health Department.

Work completed in November 2016:

1. Routine monthly landfill inspection of signs, gates, locks, etc.
2. Preparation of IR Site 1 5 year review report.
3. Conduct routine sampling IR 1 treatment system if flowing.
4. Quarterly inspection of IR Site 1 with CCEHD.

Task 12: Construction Stormwater General Permit (Compliance Date: Prior to field work)

A Notice of Intent was filed with the Water Board (Application # 449157) September 3, 2014. A WDID was issued for the project (2 07C370778).

IR Site 3: PGWTP

Terraphase, under the direction of the City of Richmond, operated, maintained, and monitored the PGWTP under the existing General Waste Discharge Requirements for: Discharge or Reuse of Extracted and Treated Groundwater Resulting from the Cleanup of Groundwater Polluted by Volatile Organic Compounds (VOC), Fuel Leaks and Other Related Wastes (VOC and Fuel General Permit) (RWQCB 2012a). The PGWTP ceased all operations on July 31, 2015. Notice of Termination for the VOC and Fuel General Permit to the RWQCB and receipt of Notice of Rescission from the RWQCB was received October 9, 2015.

Work completed in October 2016:

1. None.

Major work items completed previously in 2016:

1. Submittal of 2015 Annual Monitoring Report (Terraphase 2016e).

Work completed in November 2016:

1. None.

Site-wide Groundwater Monitoring

The purpose of the site-wide groundwater monitoring is to provide groundwater quality data that can be evaluated against established screening criteria for the Site. This program will help protect human health and the environment and prevent releases to the San Francisco Bay. Integrating data collected under this program with previous data is intended to support compliance and closure in accordance with regulatory requirements. Groundwater monitoring is being conducted on a semi-annual basis (wet-season and dry-season) per the Site-Wide Groundwater Monitoring Plan (Terraphase 2011n) that was approved by the RWQCB on August 30, 2011 (RWQCB 2011b). Data collected is summarized and submitted as semi-annual monitoring reports to the RWQCB.

Work completed in October 2016:

1. Monthly monitoring and skimming of free product in wells MTWB-01R, MWT05-02, MWT08-01, MWT06-02, MW10-23, MWT15-02, MW02-06R. Bi-weekly skimming of MW10-24.
2. Dry Season 2016 semi-annual monitoring event
3. Execution of Phase 1 of Workplan for alternative quantification methodology, additional characterization and/or risk evaluation for areas outside of IR Site 3 where USEPA Method 8015

without Silica Gel Cleanup quantifies TPH and TPH decomposition products as exceeding the Fuel Product Action Levels within 150 feet of the San Pablo Bay (Terraphase 2015a).

Major work items completed previously in 2016:

1. Submittal of 2015 dry season semi-annual groundwater monitoring report (Terraphase 2016b).
2. Submittal of Draft Workplan for alternative quantification methodology, additional characterization and/or risk evaluation for areas outside of IR Site 3 where USEPA Method 8015 without Silica Gel Cleanup quantifies TPH and TPH decomposition products as exceeding the Fuel Product Action Levels within 150 feet of the San Pablo Bay (Terraphase 2015a).
3. Installation of 5 monitoring wells on IR Site 3 up-gradient of the contingency extraction trench wells as required by the FSRAP.
4. Submittal of 2016 wet season semi-annual groundwater monitoring report (Terraphase 2016q).
5. Response to RWQCB comments on Draft Workplan for alternative quantification methodology, additional characterization and/or risk evaluation for areas outside of IR Site 3 where USEPA Method 8015 without Silica Gel Cleanup quantifies TPH and TPH decomposition products as exceeding the Fuel Product Action Levels within 150 feet of the San Pablo Bay (Terraphase 2015a).

Work completed in November 2016:

1. Monthly monitoring and skimming of free product in wells MTWB-01R, MWT05-02, MWT08-01, MWT06-02, MW10-23, MWT15-02, MW02-06R. Bi-weekly skimming of MW10-24.
2. Execution of Phase 2 of Workplan for alternative quantification methodology, additional characterization and/or risk evaluation for areas outside of IR Site 3 where USEPA Method 8015 without Silica Gel Cleanup quantifies TPH and TPH decomposition products as exceeding the Fuel Product Action Levels within 150 feet of the San Pablo Bay (Terraphase 2015a).
3. Data analysis and review of 2016 semi-annual monitoring data.

Prohibitions Verification

As required in Task 9 of the RWQCB Order, the following prohibitions (Section A of the RWQCB Order) were adhered to during the remedial activities in 2016, to the knowledge of Terraphase.

1. The discharge of wastes and/or non-hazardous or hazardous substances in a manner which will degrade, or threaten to degrade, water quality or adversely affect, or threaten to adversely affect, the beneficial uses of the waters of the State is prohibited.
2. Further migration of wastes or hazardous substances through subsurface transport to waters of the State is prohibited.
3. Activities associated with the subsurface investigation and cleanup that will cause adverse migration of wastes or hazardous substances are prohibited.
4. The tidal marsh habitat and wetland habitats onsite shall be completely avoided unless encroachment on these areas is required to implement Facility remediation work and resultant impacts to the affected habitat are mitigated through a plan approved by the Executive Officer. A setback of 50 feet shall be established around the tidal marsh and any wetland area as a means of preventing any unintended impacts to it from the remediation.
5. The Site's offshore eel-grass habitat shall be completely avoided during any remedial work to the maximum extent practicable.

Summary

The above detailed summaries by task provide a look at the ongoing remediation activities at the former Naval Fuel Depot Point Molate. The RWQCB accepted the Final FS/RAP on June 4, 2014. Construction at IR Site 3 was substantially completed in November 2015.

If you have questions regarding this report, please call Tomer Schetrit at (510) 645-1850.

Sincerely,
For Terraphase Engineering Inc.



Tomer Schetrit, PE (C81411)
Senior Project Engineer

cc: Craig Murray, City of Richmond
Carlos Privat, City of Richmond
Bruce Goodmiller, City of Richmond
LaShonda White, City of Richmond
James Whitcomb, BRAC Program Management Office
Venkat Puranapanda, ACE Group
Jim Hanson, PMCAC
Mark Howe, PMCAC
Joan Garret, PMCAC

Attachments: Point Molate Bibliography

Point Molate Bibliography

- City of Richmond. 2012. Letter from Richard Mitchell (Planning Department) to Mr. Tristan Tozer (California Office of Historic Preservation) RE: *Section 106 Consultation for the Point Molate IR Site 3 Remediation Project, Former Naval Fuel Depot Point Molate, Richmond, CA.* April 3.
- Innovative Technical Solutions, Inc. (ITSI). 2005. Post-Closure UST Maintenance and Monitoring Plan. December.
- LSA. 2014. Osprey Nest Deterrent Implementation Plan. Point Molate Fuel Depot, Richmond, CA. January 13 2014.
- Regional Water Quality Control Board - San Francisco Bay Region (RWQCB). 2006. Order No. R2-2006-0075 NPDES No. CAG912002 General Waste Discharge Requirements for: Discharge or Reuse of Extracted and Treated Groundwater Resulting from the Cleanup of Groundwater Polluted by Fuel Leaks and Other Related Wastes at Service Stations and Similar Sites. November 13.
- RWQCB. 2007. Letter from Ms. Lila Tang to United States Navy Subject: *Notice of General Permit Coverage for Discharges from the Packaged Groundwater Treatment Plant located at Naval Fuel Depot Point Molate, Richmond, Contra Costa County, CA 94801, under the Requirements of Order No. R2-2006-0075, NPDES Permit No. CAG912002 (Fuels General Permit).* June 6.
- RWQCB. 2010. Letter from Mr. George Leyva to Mr. Levine RE: *Approval of Field Assessment Methodology for Potentially Mobile Free Petroleum Product at Installation Restoration (IR) Site 3 at the former Naval Fuel Depot (NFD) Point Molate, Richmond, Contra Costa County.* November 30.
- RWQCB. 2011a. Letter from Mr. George Levya to Mr. Steve Duran RE: *Approval of Excavation Delineation Work Plan for Former Point Molate NFD Site-3 Richmond, Contra Costa County.* August 26.
- RWQCB. 2011b. Letter from Mr. George Levya to Mr. Steve Duran RE: *Approval of Site-Wide Groundwater Monitoring Plan for the Former Point Molate Naval Fuel Depot, Richmond, Contra Costa County.* August 30.
- RWQCB. 2011c. Letter from Mr. George Levya to Mr. Steve Duran RE: *Approval of Draft Groundwater Remediation Work Plan, IR Site 4, Drum Lot 2/Building 87 Area, Former Naval Fuel Depot Point Molate, Richmond.* November 8.
- RWQCB. 2011d. Order No. R2-2011-0087 Updated Site Cleanup Requirements and Recission of Order Nos. 95-235, 97-124 and 97-125, City of Richmond and United States Department of Defense, Department of the Navy for the: Former Point Molate Naval Fuel Depot, Located at 1009 Western Drive, Richmond, Contra Costa County. December 19.
- RWQCB. 2012a. Order No. R2-2012-0012 NPDES No. CAG912002 General Waste Discharge Requirements for: Discharge or Reuse of Extracted and Treated Groundwater Resulting from the Cleanup of Groundwater Polluted by Volatile Organic Compounds (VOC), Fuel Leaks and Other Related Wastes (VOC and Fuel General Permit). February 8.
- RWQCB. 2012b. Letter from Mr. George Levya to Mr. Bruce Goodmiller RE: *Review and Comments - Draft FS/RAP, Former Naval Fuel Depot Point Molate, Richmond, Contra Costa County.* February 17.
- RWQCB. 2012c. Letter from Ms. Lila Tang to Mr. Steve Duran RE: Reauthorization to Discharge from the Packaged Groundwater Treatment Plant (PGWTP) located at the former Naval Fuel Depot, Point

Craig Murray

From: Tomer Schetrit <tomer.schetrit@terrphase.com>
Sent: Tuesday, November 15, 2016 12:18 PM
To: Beth, Margarete@Waterboards
Cc: Carlos A. Privat; Craig Murray; William Carson; Bruce Goodmiller; james.h.whitcomb@navy.mil; 'joan@vbsi.com'; howefam2@pacbell.net; Jim Hanson
Subject: Point Molate Q3 UST QMR
Attachments: Attachments.html

Hi Maggie,

Please find the link below to the third quarter 2016 UST monitoring report for Point Molate.

Please feel free contact me if you have any questions.

ShareFile Attachments Expires December 15, 2016

qmr-3-Q2016-UST-complete.pdf	10 MB
------------------------------	-------

Download Attachments

Tomer Schetrit uses ShareFile to share documents securely. [Learn More.](#)

Tomer Schetrit, P.E.

Senior Project Engineer

Terraphase Engineering Inc.

1404 Franklin Street, Suite 600

Oakland, California 94612

tomer.schetrit@terrphase.com

510-645-1850 x50 (office)

650-793-5686 (cell)

510-380-6304 (fax)

www.terrphase.com



November 15, 2016

Ms. Margarete Beth
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Subject: Third Quarter 2016 Underground Storage Tank (UST) Monitoring Report, Former Naval Fuel Depot Point Molate, Richmond, California

Dear Ms. Beth,

On behalf of the City of Richmond, Terraphase Engineering Inc. (Terraphase) has prepared the attached Third Quarter 2016 Underground Storage Tank (UST) Monitoring Report. This report describes the activities and status for the ongoing monitoring and maintenance program for USTs 1 through 20 at the former Naval Fuel Depot Point Molate located in Richmond, California. The inspections were conducted in accordance with the Final Post-Closure UST Maintenance and Monitoring Plan (PMMP) (ITSI 2005).

If you have any question or comments regarding this report, please contact Tomer Schetrit at (510) 645-1850.

Sincerely,
For Terraphase Engineering Inc.

A handwritten signature in black ink, appearing to read 'TS', is positioned above the typed name of Tomer Schetrit.

Tomer Schetrit, P.E. (C81411)
Senior Project Engineer

A handwritten signature in black ink, appearing to read 'Jennifer Repa', is positioned above the typed name of Jennifer Repa.

Jennifer Repa
Senior Staff Engineer

cc: Carlos Privat, City of Richmond
Craig Murray, City of Richmond
Jim Whitcomb, BRAC Program Management Office
Jim Hanson, PMCAC
Joan Garrett, PMCAC
Mark Howe, PMCAC
Lori Braunesreither, Contra Costa County Environmental Health Services

Attachments: 3rd Quarter 2016 Underground Storage Tank (UST) Monitoring Report

**3rd QUARTER 2016 MONITORING REPORT
UNDERGROUND STORAGE TANKS
FORMER NAVAL FUEL DEPOT POINT MOLATE,
RICHMOND, CALIFORNIA**

Prepared on Behalf of

City of Richmond
450 Civic Center Plaza
Richmond, California

Prepared by

Terraphase Engineering Inc.
1404 Franklin Street, Suite 600
Oakland, California

November 15, 2016

Project Number 0078.001.033



CONTENTS

1.0	INTRODUCTION	1
2.0	HISTORY OF UST OPERATIONS AT NFD POINT MOLATE.....	2
3.0	SITE INSPECTIONS.....	4
3.1	Monthly Inspection of Gates, Locks, and Fences.....	4
3.2	Quarterly Inspection of Erosion Control.....	5
3.2.1	Vegetation.....	5
3.2.2	Surface Grade.....	5
3.3	Quarterly Inspection of UST Systems.....	5
3.3.1	Ground Surface	5
3.3.2	Tank Vents.....	6
3.3.3	French Drain Outfalls	6
3.4	Quarterly Inspection of Groundwater Monitoring Wells	7
3.5	Biannual Interior Inspections for Standing Water	7
4.0	REFERENCES	8

Figures

- 1 Site Location Map
- 2 UST Locations
- 3 UST Cross Section

Appendices

- A Summary of UST Area Inspection Notes
- B UST Systems Observations
- C UST Erosion Control/Ground Surface Observations

Acronyms and Abbreviations

bbbl	barrel
BAI	Barajas and Associates, Inc.
BRAC	Base Realignment and Closure
CCHSD	Contra Costa Health Services Department
FOSET	Finding of Suitability for Early Transfer
ITSI	Innovative Technical Solutions, Inc.
JP-5	jet propellant grade 5 fuel
MSL	mean sea level
NFD	Naval Fuel Depot
ORS	oil recovery system
PMMP	Post-Closure UST Maintenance and Monitoring Plan
RWQCB	California Regional Water Quality Control Board, San Francisco Bay Region
Terraphase	Terraphase Engineering Inc.
TtEMI	Tetra Tech EM Inc.
UST	underground storage tank
VP	valve pit

1.0 INTRODUCTION

On behalf of the City of Richmond, Terraphase Engineering Inc. (Terraphase) has prepared this Underground Storage Tank (UST) Quarterly Monitoring Report to summarize the monitoring conducted on a monthly and quarterly basis as part of the ongoing monitoring and maintenance of USTs 1 through 20 at the former Naval Fuel Depot (NFD) Point Molate in Richmond, California. The inspections were conducted in accordance with the final Post-Closure UST Maintenance and Monitoring Plan (PMMP) (ITSI 2005).

2.0 HISTORY OF UST OPERATIONS AT NFD POINT MOLATE

The former NFD Point Molate was a fuel storage facility that had the capacity to store more than 40 million gallons of fuel. Prior to closure, the facility mainly held jet propellant grade 5 fuel (JP-5) and marine diesel fuel. Historically, other fuels were stored at the depot, including bunker fuel and aviation gasoline. Fuel was transferred to and from the facility by offloading and onloading ships and barges at the depot fuel pier, as well as through the Santa Fe Pacific Pipeline transfer station.

The former NFD Point Molate is on the San Pablo peninsula (Figure 1), approximately 1.5 miles north of the Richmond-San Rafael Bridge in the City of Richmond, Contra Costa County, California. Former NFD Point Molate covers approximately 412 acres in the Potrero Hills along the northeastern shore of San Francisco Bay of which 140 acres are submerged within San Francisco Bay. The San Pablo peninsula is the land mass between San Pablo Bay and San Francisco Bay. Former NFD Point Molate contains approximately 1.6 miles of shoreline, and its property extends into the adjacent hillsides to the top of the San Pablo ridge. Topography at the facility ranges from flat, filled areas (reclaimed tidal areas) near the Bay to steep, dissected slopes of nearly 500 feet above mean sea level (MSL) in elevation. The facility is bordered to the north, south, and east by the Chevron Corp. Richmond refinery (Chevron Richmond refinery) and to the west by San Francisco Bay.

Fuel storage and transfer operations at the facility ceased in May 1995. Former NFD Point Molate became a closing base under the Base Realignment and Closure (BRAC) IV program in September 1995, and operational closure of the facility occurred in September 1998. In September 2003, approximately 372 acres of the depot were transferred to the City of Richmond under a Finding of Suitability to Transfer (Navy 2003). The remaining 40 acres of the 412-acre federal facility were transferred to the City on March 29, 2010 on the basis of a Finding of Suitability for Early Transfer (FOSET; Navy 2008).

The Navy closed in place (without filling with concrete or other material) USTs 1 through 20, due to the large size and the good condition of the USTs. Tanks B and C were removed due to their relatively smaller size, central location, and history of bunker fuel releases near Tank B. The *Underground Storage Tank and Hillside Pipeline Closure Conceptual Design* (TtEMI, 1999), was reviewed by the Hazardous Materials Programs office at the Contra Costa Health Services Department (CCHSD), the City of Richmond, and the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). CCHSD, the agency overseeing structural closure of the USTs, officially approved the conceptual plan in a letter dated 23 July 1999.

CCHSD approved final closure in place of USTs 1 through 20 in a letter dated 24 February 2005; CCHSD also recognized that associated fuel product pipelines and valves were cleaned and rendered inoperable, and that Tanks B and C were completely removed. To date, USTs 1, 4, 7, 9, 10, 11, 12, 14, 16, 17 and 20 have received environmental closure (NFA) letters from the RWQCB. The remaining USTs (USTs 2, 3, 5, 6, 8, 13, 15, 18, and 19) have not received

environmental closure from the RWQCB. Regardless of the closure status of the USTs with the RWQCB, they require on-going maintenance and monitoring to reduce the chances that they will become a physical hazard. This report describes the monitoring and maintenance for USTs 1 through 20.

USTs 1 through 20 each have a capacity of approximately 50,000 barrels (bbbls), which is equivalent to 2.1 million gallons. Figure 2 is a site plan showing the locations of the USTs and appurtenances at the former NFD Point Molate.

Between 1943 and 1975, bunker fuel, marine diesel fuel, and JP-5 were stored at the former NFD Point Molate. Between 1975 and 1995, the northern portion of the facility (USTs 1, 2 and 5 through 13) was used to store and transfer diesel fuel. The southern portion of the facility (USTs 3, 4 and 14 through 19) was used to store and transfer JP-5. UST 20 stored bunker fuel from 1943 to 1975, and stored naval ballast, sediment and wastewater from 1975 to 1995.

USTs 1 through 20 were constructed between 1942 and 1943 by blasting bedrock in the hillside to create "benches" for the USTs. Concrete was poured into wooden forms built on the benches, apparently in direct contact with bedrock. The UST floors, walls, and roof support columns were constructed; the concrete roofs were then installed. Completed USTs were covered with varying amounts of fill (four to eight feet); fill materials were presumably blasted rock and locally-derived excavated fill. Appendix A includes a more detailed description of UST construction, as excerpted from the *Final Report, Structural Integrity Evaluation of Underground Storage Tanks at Naval Fuel Depot, Point Molate, Richmond, California* (AGS, 2000).

Approximate dimensions of USTs 1-20 are as follows:

- Each tank has an interior clear diameter of 135'-4".
- Each tank has an interior clear height of 20'-0".
- Each tank has roof and floor slabs 1'-4" and 1'-6" thick, respectively.
- Tank walls are 1'-6" thick up to 10'-0" in height and 1'-3" thick above that.

Each UST was constructed with a perimeter drain surrounding the tank bottom. Original design drawings indicate that each drain consisted of open joint tiles placed in a gravel bed. Each drain was laid on a slope to fall approximately 12 inches from the upper (uphill side) UST perimeter to the lower (downhill side) perimeter. Water collected by these drains was to the oil recovery system (ORS; TtEMI, 2002). The purpose of the perimeter drains was to prevent infiltrating surface water from accumulating in the backfill outside of the UST walls. Figure 3 is a typical cross section of a UST at former NFD Point Molate.

3.0 SITE INSPECTIONS

The PMMP requires:

- Monthly inspections of the gates, locks, and fences.
- Quarterly inspections of the vegetation for erosion control; surface grade for erosion control; UST systems (ground surface, French drain outfalls, and tank vents); and groundwater monitoring wells.
- Biannual (Two-year) inspections of the UST interiors for standing water.
- Five-year structural inspections, structural inspections after significant loading events, and structural inspections after major seismic events.

The purpose of the site inspections is to conduct the inspection tasks established in the Final PMMP (ITSI 2005), including: security, erosion control, condition of the UST systems, and condition of the groundwater monitoring wells to identify conditions that may warrant maintenance or repair. Appendix A provides an overview of systems observations of the USTs made during the inspections. Recommendations for repairs that could not be completed during the site inspection are provided at the end of page 2 in Appendix A. Individual UST sites are referred to by tank number (e.g., UST 6). Appendix B provides an overview of erosion control/ground surface observations of the USTs made during the inspections. Recommendations for repairs that could not be completed during the site inspection are provided on page 2 in Appendix B.

The location of tanks, monitoring wells, and French drains are shown on Figure 2. Summary table of the inspection field notes are provided in Appendix A.

Observations made during the quarterly inspection can be found in Appendices A, B and C.

3.1 Monthly Inspection of Gates, Locks, and Fences

The gates, locks, and fences along Stenmark Drive that provide security for the UST sites are inspected to make sure they are in good condition, locked, and secure.

If locks are rusted or are missing, or if gates or fences are in disrepair, the City of Richmond must be notified that repairs should be made.

Observations recommendations for the monthly inspections of the gates, locks, and fences performed on July 14, August 24, and September 30, 2016:

- The gates, locks, and fences for gates 7 and 15 through 19 are in good condition, locked, and secure.
- Gate 23 is under constant surveillance as it is located next to the guard house (Building 123).

3.2 Quarterly Inspection of Erosion Control

3.2.1 Vegetation

Vegetation protects the soil surface from wind and water erosion, improves slope stability, and improves visual aesthetics. A site-specific hydroseed mix that includes drought-tolerant native plant seeds has been used for providing a vegetative cover at the UST sites.

Vegetation on UST sites are inspected for bare spots, signs of stress, color changes, etc. and areas of both healthy and sickly growth are noted on a quarterly basis.

If significant bare spots are found, the bare spots must be reseeded or planted in accordance with the specification for hydroseeding. Irrigation during the establishment period must be provided, as necessary.

Recommended actions:

None

3.2.2 Surface Grade

Uniformity of the slight grade on top of the USTs mitigates erosion and reduces surface water infiltration.

The soil cover is inspected for erosion, visible depressions, ponded water, cracks, slope failure, and grade on top of the USTs to see if there was a uniformity of the slight (0.5 percent to 1 percent) grade on a quarterly basis.

Erosion must be mitigated. Visible depressions and cracks must be backfilled. Slope failures must be mitigated by backfilling and placing rip-rap or other erosion-limiting engineered control.

Recommended actions:

Monitor SW side of tank 4 lacking vegetation. Monitor southern edge of Tank 5, loose dirt is visible, vegetation is uprooted and rebar visible. Dirt is accumulated in the French Drains of USTs 11, 12, 13, 14, 16, 17 and 20, monitor slope erosion.

3.3 Quarterly Inspection of UST Systems

3.3.1 Ground Surface

The structural integrity of the USTs can be compromised by surface loads. Loading by structures, vehicles, and debris is prohibited. Overloading is a serious condition that could lead to catastrophic failure and must be addressed by a licensed structural engineer.

Ground surfaces of the USTs are inspected for surface loads including structures, signs of vehicle traffic, and dumping of debris on a quarterly basis.

Any objects, debris, or material that represents a load to the USTs must be removed. If a UST has been significantly overloaded, a structural inspection must be conducted.

Recommended actions:

Monitor animal burrows on Tanks 4 and 19. Monitor 3" wide 3' long fissure in topsoil on top of tank 14 near the SE French drain path. Re-install the "Keep off" sign on UST 7.

3.3.2 Tank Vents

The aboveground vent at each UST provides equilibrium of the UST atmosphere with the outside atmosphere and allows for humidity to escape the UST interior.

The vents are inspected for signs of vandalism and to assure that the vent opening was intact on a quarterly basis.

Vents must be repaired as required. Any object in the vent opening must be removed.

Recommended Actions:

The vents on USTs 1, 18 and 19 show minor indications of vandalism and are in need of repair. The remainder of the UST vent openings were intact and unobstructed.

3.3.3 French Drain Outfalls

French drains at each UST are intended to direct surface water infiltration away from the structural joint between the tank ceiling and upper sidewalls. Rip-rap is located at each outfall to reduce erosion. French drain outfalls are inspected for vandalism or displacement on a quarterly basis.

Blockages of the drain pipe must be removed. Riprap must be replaced in kind. Small vegetation growing into the rip-rap is beneficial and should not be removed.

Recommended Actions:

The West Drain at UST 6 and the South drain at UST 15 could not be located. It is suspected that they were previously destroyed or were never constructed by the Navy. The west drain at UST 16 was not located due to overgrowth. Detailed observations of the tanks can be found in Appendix A.

Loose vegetation and sediment have accumulated near the French drain outlets at a number of USTs including: 1, 3, 4, 7, 10, 11,12 ,19 ,20. Vegetation and sediment should be cleared to allow for proper drainage.

3.4 Quarterly Inspection of Groundwater Monitoring Wells

There are groundwater monitoring wells adjacent to many of the USTs. The well casings are typically completed aboveground and protected with a standpipe. The wells are locked with keyed padlocks.

The surface completions of the monitoring wells are inspected for general condition on a quarterly basis. The standpipe covers are opened, well casings and well caps are inspected, and grout surrounding each casing is inspected.

If standing water is present in the well standpipes, it must be removed from the standpipe and the condition allowing water to accumulate should be mitigated. If casing caps are missing, they should be replaced. If grout is cracked, it should be removed and replaced.

Recommended Actions:

None

3.5 Biannual Interior Inspections for Standing Water

Every two years the manhole covers are removed on each UST and the interiors are inspected for standing water and sheen.

The biannual observations for standing water in USTs 1 through 20 were not conducted as part of this second quarter monitoring period. The biannual interior investigation was conducted in the 3rd quarter of 2015.

4.0 REFERENCES

- AGS, 2000. Structural Integrity Evaluation of Underground Storage Tanks at Naval Fuel Depot, Point Molate, Richmond, California, Final Report. September.
- Barajas and Associates, Inc. (BAI). 2007. Basewide Groundwater Monitoring, Site 1 Post Closure Monitoring and Maintenance, and Closed Underground Storage Tank Monitoring and Maintenance, Site Health and Safety Plan, Naval Fuel Depot Point Molate, Richmond, California. June.
- CDM. 2009. Final Annual 2007 – 2008 Post-Closure UST Monitoring Report Former Naval Fuel Depot Point Molate Richmond, California. September 30.
- Innovative Technical Solutions, Inc. (ITSI). 2005. Final Post-Closure UST Maintenance and Monitoring Plan, Former Naval Fuel Depot Point Molate, Richmond, California. December.
- _____. 2005b. Final Post-Construction Summary Report for Closure of the UST, Pipeline, and Valve Box Systems at Naval Fuel Depot Point Molate, Richmond, California. November 17.
- (United States) Department of the Navy and City of Richmond. 2003. Finding of Suitability for Transfer, Naval Fuel Depot Point Molate, Richmond, California. May 27.
- _____. 2008. Finding of Suitability for Early Transfer, Disposal Areas 3, 5, 10, and 13, Naval Fuel Depot Point Molate, Richmond, California. September 12.
- Terraphase. 2011. Underground Storage Tank Monitoring and Maintenance Plan, Former Naval Fuel Depot Point Molate, Richmond, California. March 11 (revised April 4).
- Terraphase. 2012. Well Abandonment Work Plan, Former Naval Fuel Depot Point Molate, Richmond, California. August 8.
- Tetra Tech EM Inc. (TtEMI), 1999. Underground Storage Tank and Hillside Pipeline Closure Conceptual Design, Naval Fuel Depot Point Molate, Richmond, California. 30 April.
- _____. 2002. Final Definitive Design for the UST and Hillside Pipeline Closure, Naval Fuel Depot Point Molate, Richmond, California. 24 January.

APPENDIX A

Summary of UST Area Inspection Notes

THIS PAGE LEFT INTENTIONALLY BLANK

UST Systems: Observations during June 2016 Inspection					
Tank	French Drain Outfall label	French Drain Outfall Condition	Tank Vents	Groundwater Monitoring Well	Monitoring Well Condition
UST 1	East Drain	Clear loose vegetation in drain mouth	Screen not fully sealed - maintenance needed	N/A	
	West Drain	Clear loose vegetation in drain mouth			
UST 2	North Drain	Good condition	Good condition	MWT02-01	Good condition
	South Drain	Good condition		MWT02-03	Good condition
UST 3	North Drain	Clear loose vegetation in drain mouth	Good condition	MWT03-02	Good condition
	South Drain	Clear loose vegetation in drain mouth			
UST 4	North Drain	Clear loose vegetation in drain mouth	Good condition	N/A	
	East Drain	Clear dirt in drain mouth			
UST 5	North Drain	Good condition	Good condition	MWT05-02	Good condition
	South Drain	Good condition			
UST 6	North Drain	Clear loose vegetation in drain mouth	Good condition	MWT06-02	Good condition
	Northwest Drain	Clear loose vegetation in drain mouth			
	West Drain	Could not locate			
UST 7	East Drain	Good condition	Good condition	N/A	
	West Drain	Clear vegetation roots and dirt at edge			
UST 8	North Drain	Good condition	Good condition	MWT08-01	Good condition
	Southwest Drain	Good condition			
UST 9	North Drain	Good condition	Good condition	N/A	
	South Drain	Good condition			
UST 10	Northwest Drain	Good condition	Good condition	N/A	
	West Drain	Clear loose vegetation in drain mouth			
	Southeast Drain	Good condition		Good condition	
UST 11	North Drain	Good condition	Good condition	N/A	
	South Drain	Vegetation and dirt needs to be cleared from front			

UST Systems: Observations during June 2016 Inspection					
Tank	French Drain Outfall label	French Drain Outfall Condition	Tank Vents	Groundwater Monitoring Well	Monitoring Well Condition
UST 12	East Drain	Vegetation and dirt needs to be cleared from front	Good condition	MWT12-03	Good condition
	West Drain	Vegetation and dirt needs to be cleared from front			
UST 13	Northwest Drain	Good condition	Good condition	MWT13-02	Good condition
	South Drain	Good condition			
UST 14	Northwest Drain	Good condition	Good condition	N/A	
	Southeast Drain	Dirt needs to be cleared from rocks for proper function			
UST 15	South Drain	Could not locate	Good condition	MWT15-02	Good condition
	Southwest Drain	Good condition			
	East Drain	Vegetation needs to be cleared to and around drain			
UST 16	East Drain	Good condition	Good condition	N/A	
	West Drain	Could not locate			
UST 17	North Drain	Good condition	Good condition	N/A	
	South Drain	Good condition			
UST 18	Northeast Drain	Good condition	Vent screen is coming off, needs to be re-connected	MWT18-01	Good condition
	Northwest Drain	Good condition			
UST 19	North Drain	Good condition	Vent screen is beginning to come off, monitor	MWT19-01	Good condition
	South Drain	Dirt and Vegetation needs clearing from drain front			
UST 20	Northeast Drain	Dirt needs to be cleared from front of drain	Good condition	N/A	
	West Drain	Good condition			
Recommended Actions: French Drains					
The West Drain at UST 6 and the South drain at UST 15 could not be located. It is suspected that they were previously destroyed or never constructed by the Navy. The west drain at UST 16 was not located due to overgrowth. Detailed observations of the tanks can be found in Appendix A.					
Recommended Actions: Tank Vents					
The vents on USTs 1, 18 and 19 show minor indications of vandalism and are in need of repair. The remainder of the UST vent openings were intact and unobstructed.					
Recommended Actions: Monitoring Wells					
None					

APPENDIX C

UST Erosion Control/Ground Surface Observations

Erosion Control/Ground Surface: Observations during June 2016 Inspection			
Tank	Surface Inspection	Vegetation	Surface Grade
UST 1	Good - no action needed	Good - no action needed	Good - no action needed
UST 2	Good - no action needed	Good - no action needed	Good - no action needed
UST 3	Good - no action needed	Good - no action needed	Good - no action needed
UST 4	Monitor animal burrows on eastern edge of tank surface	Good - no action needed	Monitor small area on the SW side of tank near vent lacking vegetation
UST 5	Good - no action needed	Good - no action needed	Monitor southern edge of tank, loose dirt visible: Vegetation uprooted and rebar visible on northern edge of tank
UST 6	Good - no action needed	Good - no action needed	Good - no action needed
UST 7	"Keep off" sign has been knocked down and needs to be re-installed	Good - no action needed	Good - no action needed
UST 8	Good - no action needed	Good - no action needed	Good - no action needed
UST 9	Good - no action needed	Good - no action needed	Good - no action needed
UST 10	Good - no action needed	Good - no action needed	Good - no action needed
UST 11	Good - no action needed	Good - no action needed	Dirt accumulated in french drains, monitor slope erosion
UST 12	Good - no action needed	Good - no action needed	Dirt accumulated in french drains, monitor slope erosion
UST 13	Good - no action needed	Good - no action needed	Dirt accumulated in south french drain, monitor slope erosion
UST 14	3" wide 3' long fissure in topsoil on tank top near SE french drain path	Good - no action needed	Dirt accumulated in southeast french drain, monitor slope erosion
UST 15	Good - no action needed	Good - no action needed	Good - no action needed
UST 16	Good - no action needed	Good - no action needed	Monitor erosion and dead vegetation along southeastern tank edge
UST 17	Good - no action needed	Good - no action needed	Dirt accumulated in north french drain, monitor slope erosion
UST 18	Good - no action needed	Good - no action needed	Good - no action needed
UST 19	Monitor animal burrows on eastern edge of tank surface	Good - no action needed	Good - no action needed
UST 20	Good - no action needed	Good - no action needed	Dirt accumulated in northeast french drain, monitor slope erosion

Recommended Actions: Surface Inspection

Monitor animal burrows on Tanks 4 and 19. Monitor 3" wide 3' long fissure in topsoil on tank top near SE french drain path. Re-install the "Keep off" sign on UST 7.

Recommended Actions: Vegetation

None

Recommended Actions: Surface Grade

Monitor SW side of tank 4 lacking vegetation. Monitor southern edge of Tank 5, loose dirt is visible, vegetation is uprooted and rebar visible. Dirt is accumulated in the French Drains of USTs 11, 12, 13, 14, 16, 17 and 20, monitor slope erosion.

BYLAWS

INTRODUCTION

These by-laws were adopted by the Point Molate Community Advisory Committee (PMCAC) on November 21, 2011 and amended December 12, 2016

Section 1: Purpose and Duties of the PMCAC

The PMCAC is a 19-member committee of Richmond residents authorized by City Council Resolution 8-11 adopted January 18, 2011. Its purpose is to advise the City Council as well as city staff, boards and commissions on all Point Molate matters, including but not limited to the appropriate clean-up, restoration, sustainable development and use of Point Molate.

Section 2: Meetings

2.1: Regular Meetings

Regular meetings of the PMCAC will be held in the Multi Purpose room at City Hall on the third Monday of every month beginning at 6:30 PM.

2.2: Cancellation of Regular Meetings

A future regular meeting can be canceled or rescheduled by a majority present at any meeting if:

- there is no business scheduled,
- the future meeting falls on a public holiday
- there is other good reason for cancelation.

In the event of an emergency any meeting or session can be canceled by the Chair Person or, if the Chair Person is unavailable, the Vice Chair Person. Any matters which were to be heard at the canceled meeting will be moved to the top of the agenda for the next regular meeting unless set for hearing on another date by the committee.

2.3: Change of Location or Starting Time of Regular Meetings

The location or starting time of a regular meeting may be changed from time to time by providing the new starting time and/or location in the notice and agenda distributed by city staff in advance of the meeting or session in accordance with governing law. In addition, the location of the meeting may be changed due to an emergency or pre-emption of the regular meeting location

by other government business. In such event, the new location of the meeting shall be posted on the door of the regular site of the meeting at least one-half hour before the meeting time.

2.4: Special Meetings

Special meetings and hearings of the Committee may be called by the Chairperson or by any ten members of the Committee and shall be held within the City of Richmond. Written notices of special meetings of the Committee shall be given in accordance with governing law and, in accordance with law, the Committee may not consider any business at the special meeting other than that which appears in the notice.

2.5: Public Nature of Meetings

All meetings of the PMCAC shall be open to the public.

2.6: Quorum

A majority of the total number of sitting committee members shall constitute a quorum for the conduct of business and if a quorum is present, a majority of votes cast is sufficient to carry any motion that is in order unless otherwise required by law, these by-laws or adopted parliamentary rules. Committee members who expect to be absent from a regular meeting shall notify the city staff or the Chair Person at the earliest opportunity. City staff shall notify the Chairperson in the event the projected absences will result in a lack of a quorum.

2.7: No Quorum

Whenever less than a quorum attends a regular or special meeting of the Committee, the Chairperson (or acting chairperson) shall adjourn the meeting to the next regular meeting unless, following a motion, a majority of those present vote to adjourn the meeting to some other specific time: Other than the foregoing, no business shall be conducted when no quorum is present.

2.8: Agenda

City staff shall deliver a copy of the agenda for each regular meeting of the Committee to each member and post for the public in the same places and in the same manner as City Council meeting agendas not later than seventy-two (72) hours prior to such meeting.

2.9: Consent Calendar

Prior to consideration of the consent calendar by the Committee, the Chairperson shall ask if any Committee member, staff member or member of the public wishes to remove any item or items from the consent calendar. All requests for removal of an item from the consent calendar for purposes of discussion shall result in the item

removed being heard and acted upon in its regular numerical order at the end of the agenda.

After all requests for removal have been honored, any Committee member may move that the remaining consent calendar items be adopted. The Committee's adoption of the consent calendar means that those items have been acted upon by the Committee collectively by a single motion adopting the recommendations contained in the agenda packet. Any requirement for a public hearing shall be deemed satisfied by this process so long as no one has requested to speak on the item prior to the adoption of the consent calendar.

2.10: Order of Business

The order of business for regular meetings of the Committee shall be as follows except that, with the consent of a majority of the Board, matters may be taken out of order:

Call to Order

Roll Call

Approval of Agenda

Approval of PMCAC Meeting Minutes

Chair Announcements

Open Forum ~~General Public Comment~~

Reports to Committee ~~Current Items~~

Presentations, Discussion & Action Items ~~Staff Reports~~

~~Held Over items~~

~~Consent Calendar~~

PMCAC Subcommittee Reports ~~Reports of Officers, Committees and Staff~~

Future **Agenda** Items

Adjournment

2.11: Rules of Order

Rosenberg's Rules of Order shall govern the Committee except as otherwise provided in these bylaws. The Chair shall, unless overruled by a majority of the members present, act as the parliamentarian for the Committee and his or her ruling shall be deemed final.

2.12: Manner of Voting and Reporting on Votes

The vote on all questions coming before the Committee shall be by roll call or by vote tabulator or alternately by affirmation to save time, and the yeas, nays and abstentions shall be entered upon the minutes of the meeting and set forth in any reports to the City Council on any action taken by the Committee.

2.13: Motion To Continue a Portion of the Agenda

At any time during a regular meeting of the Committee, any Committee member may move to continue a portion of the agenda to the next regular meeting of the Committee or to a special meeting of the Committee, based upon their estimation that the Committee will not have sufficient time in which to complete the entire agenda at a reasonable hour. Approval by a two-thirds majority of members present shall be necessary to adopt such a motion. The motion shall: 1) Identify the numbers of the agenda items proposed to be heard at the current meeting; and 2) specify the numbers of the agenda items to be continued. The purpose of this motion is to benefit members of the public attending or viewing the meeting by providing information, as early as possible in the evening, as to what matters will be continued to a later date

2.14: Adjournment

The Committee shall adjourn any regular or special meeting at the posted time, this following reports of officers and committee staff and any other agenda items deemed compelling. Any unfinished items of business appearing on the agenda which have not been acted upon shall be continued to the next regular meeting. Upon adjourning with unfinished items on the agenda, the Chairperson or acting chairperson shall announce to the public the date and place to which said unfinished agenda items are continued. Notwithstanding the above, the Committee may pass a motion to extend any regular or special meeting beyond the posted finish time by majority vote.

SECTION 3: MEMBERSHIP

3.1: Appointment

Members shall be appointed by the Mayor with the concurrence of at least three members of the City Council for a term of two years and serve without compensation. No member shall serve for more than four consecutive two-year terms.

3.2: Automatic Resignation

The absence of any member from more than three (3) regularly scheduled meetings in a 12-month period shall constitute an automatic resignation from the Committee.

3.3: Duties of Committee Members

It is the duty of members to become informed to the best of their ability on each item that comes before the Committee for action, to form an opinion on every question that is brought to and vote and to express this opinion by his or her vote unless the member has a possible conflict of interest or other justifiable basis.

3.4: Conflict of Interest

No member of the Committee shall participate in a discussion or vote upon any matter with respect to which he or she may have a conflict of interest, as defined by applicable California law. Instead, the member shall excuse himself or herself from the proceedings, stating for the minutes the basis for doing so, and shall leave the room while the matter is being discussed and/or acted upon.

If a member of the Committee is challenged in regard to a conflict of interest in a particular matter and does not choose to excuse himself/herself from the proceedings, the Chairperson shall ask the Committee's legal counsel for a ruling. If the Committee's legal counsel determines that there appears to be a conflict of interest, the challenged member shall refrain from participating on that particular item in compliance with the conflict of interest provisions of these bylaws. If a member does not comply with this requirement after a ruling by the Committee's legal counsel, the City Council shall be so advised by the City Attorney's Office.

3.5: Staff Assistance

The committee may call upon city staff for technical or clerical assistance in connection with the committee's performance of its duties. The committee may also request funding for a written report from an expert consultant in matters pertaining to the Committee's work. Any contract entered into as a result of such funding shall be approved by the city manager unless it is for an amount over \$10,000 in which case it must be approved by the City Council.

SECTION 4: SUBCOMMITTEES

4.1: Subcommittees

The Chairperson of the Committee may create sub committees, define their powers and duties, and appoint the members and chairs thereof.

4.2: Terms of Subcommittee Members

Subcommittee members shall serve a term of one year on each committee to which they are appointed.

SECTION 5: OFFICERS

5.1: Designation of Officers

The officers of the Committee shall consist of a Chairperson and Vice Chairperson

5.2: Election of Officers

Officers shall be elected by a majority of a committee quorum present. In the event of more than two candidates for officer positions and no candidate receives a majority of the quorum present, then a runoff vote will be held between the two top vote getters.

5.3: Terms of Officers and Removal of Officers

Officers shall serve a term of one year. Officers may be removed from office with a two thirds vote of the committee at a regular or special meeting.

5.4: Special Election of Officers

If any vacancy occurs in any office by reason of death, resignation, removal of any officer or other reason, such vacancy shall be promptly filled for the remainder of the term of office, from the ranks of the Committee by means of a special election conducted by the members of the Committee. At the request of the Chairperson of the Committee, the Nominating Subcommittee shall meet and recommend a candidate to fill the open officer position. In addition, any member of the Committee may nominate any member of the Committee for the vacant office at or prior to the special election.

5.5: Powers and Duties of Officers

- a) Chairperson. The Chairperson shall preside at all meetings of the Committee, shall appoint all subcommittees and subcommittee chairs, and shall have all the powers and duties conferred by law, and shall perform such other duties as may from time to time be prescribed by the Committee
- b) Vice Chairperson. The Vice Chairperson shall have all of the powers and perform all of the duties of the Chairperson in the case of the Chairperson's absence or inability of the Chairperson to act. The Vice Chairperson shall have all the powers and duties conferred by law, and shall perform such other duties as may from time to time be prescribed by the Committee.
- c) Acting Chairperson. In the absence of the Chairperson and Vice Chairperson, then the members of the Committee present at the meeting shall elect an Acting Chairperson who shall preside over and conduct the

meeting if there is a quorum present or who shall set a date for continuing the agenda if there is not a quorum present.

5.6: Additional Officers and Personnel

The Committee may from time to time by resolution appoint such additional officers or assistant officers as it may deem necessary or desirable and may define their duties.

SECTION 6: AMENDMENTS

These Bylaws may be adopted, amended or repealed by the affirmative vote of two-thirds of the total members of the Committee at any regular or special meeting, provided that any proposed amendment to be voted on shall be included in the notice of the meeting. Such amendments must be in conformity with the general intent specified in the basic enabling legislation and applicable provisions of state law.

Draft streamlined agenda example

CITY OF RICHMOND

Pt. Molate Community Advisory Committee

Monday, December 12, 2016 6:30 - 9:00 pm

Multi-Purpose Room, 440 Civic Center Plaza

AGENDA

6:30 Call to Order - Roll Call

Approval of Agenda

Approval of PMCAC Meeting Minutes

Chair Announcements

Open Forum (3 minutes per person limit)

6:45 1. Reports to Committee (20 minutes)

- a. Report by Council Member Liaison
- b. Staff Report (Notable items from written reports in agenda materials)

7:00 2. Presentations, Discussion & Action Items (1 hr. 30 min)

- a. *Discussion:* Weekly and monthly remediation progress report out with Terraphase (15 min.), Q&A (10 min.) Bill Carson, Principal, Terraphase. Includes Wetland Mitigation Project Updat, UST 3Q 2016 Report
- b. *Discussion:* End of year PMCAC report to Council on remediation, etc. (15 min.)
- c. *Presentation:* Remediation Overview - Mark Howe, (15 min.)
- d. *Discussion and action:* Agenda streamlining with associated Bylaws change (10 min.)
- e. *Presentation and Discussion:* Community planning meetings subcommittee - (15 min.), Q&A (10 min.)

8:45 3. PMCAC Subcommittee Reports (4 minutes)

4. Future Agenda Items (1 minute)

9:00 Adjournment

Scheduled Meetings

Committee Meeting - This meeting is held in a building that is accessible to people with disabilities. Persons with disabilities, who require auxiliary aids of services using city facilities, services or programs or would like information of the city's compliance with the American Disabilities Act (ADA) of 1990, contact: Rochelle Monk, City of Richmond (510) 620-6511 (voice).

Pt. Molate Community Advisory Committee Staff Liaison Contact: Craig K. Murray (510) 307-8140, craig_murray@ci.richmond.ca.us. Additional correspondence can be directed to: PtMolateCAC@gmail.com

Agenda and minute information on the PMCAC can be found on the City Clerk's web location: <http://ca-richmond2.civicplus.com/index.aspx?NID=2442>

PMCAC Repository Information is available at: <https://docs.google.com/open?id=0B9WXrZeb-72MzVkJZWQ1ZDQtNW1wNC00ZjE4LTgxYjctOTQyMDk4Y2FjNDYw>

Members:

Bruce Beyaert

Bruce Brubaker
Vice Chair

Paul Carman

Charles Duncan

Joan Garrett

Dorothy Gilbert

Don Gosney

Jim Hanson
Chair

Mark Howe

Bob McNeil

Connie Portero

Katrinka Ruk



Pt Molate Report

PMCAC #67 December 12, 2016

Expenditures and balance from Navy Escrow Fund:

- Three Expenditures totaling \$75,499.15
- Balance: \$4,282,379.97

Expenditures and balance from City General Fund:

- Expenditures to date for FY 16-17 total \$6,850.
- Balance: \$330,421.

Insurance Report filings

- Report provided in the November 2016 PMCAC Agenda Packet.

Lease/Occupation status for all Pt. Molate Users

- Caretaker report for November 2016 is enclosed.
- Nematode Holdings approved License Agreement is enclosed.

Monthly Summary of security incidents:

- October, 2016 report enclosed. Graffiti incidents reported in the Winehaven area. Three Patrol Officers and two Supervisors assigned. First Security conducted 971 security checks and noted reports of UST 1, 18 and 19 vents vandalized and review of Building One forced entry and graffiti.

Monthly Summary of authorized entries:

- There were no public entry authorizations for prior month.

Caretaker Summary

- DIMO/Public Works provided a report covering the month of November.

Beach Park

- DIMO/Parks & Landscaping contractor report enclosed under Parks & Open Space Subcommittee.
- Summary of the October 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

- Chair Hanson requested update on motion last month: For the City to arrange to provide PMCAC with the following: 1) To regularly and consistently receive all documents directly from Terraphase and Water Board, including all drafts & Water Board comments and communications. Staff

discussed this request and requested Terraphase to establish a Share File and to provide the link with the Water Board's Geotracker to show work flow and product. PMCAC will need to determine what PMCAC members should continue to receive documents from the Water Board and what PMCAC should be provided the links to receive, review and report information to the PMCAC.

- State of California Coastal Commission and Ducks Unlimited and its Contractor have commenced the removal of Creosote Pilings and various rubbish material such as large blocks of concrete of the former Warehouse Building that suffered fire damage some time ago at Terminal 4. City Council approved this project at their May 17 2016 meeting. This project will remove approximately 350 Creosote-treated piles and cement slabs and rubbish. Habitat restoration work to benefit the Pacific Herring and variety of species is scheduled to commence in July 2017 and post construction monitoring to occur through 2022. A Friday, November 25, 2016 front page article in the San Francisco Chronicle highlighted this project in Richmond to improve the marine habitat:

<http://www.sfchronicle.com/bayarea/article/Pilings-in-bay-imperil-Pacific-herring-10635034.php?t=a3ce3393d7>



Pt. Molate Remediation Budget Report
As of November 14, 2016

Transactions	Date	Expenditures		Revenues		Balance	
		As of 11/14/2016		As of 11/14/2016		As of 11/14/2016	
State Water Resources Control Board	4/2/2013	\$ 23,492.08				\$ 19,921,826.40	
F AFC 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	
F AFC 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	
F AFC 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 November 14, 2016

Transactions	Date	Expenditures	Revenues	Balance
		As of 11/14/2016	As of 11/14/2016	As of 11/14/2016
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		\$ 21,093,511.86
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	\$ 31,116.75		\$ 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

Pt. Molate Remediation Budget Report
As of November 14, 2016

Transactions	Date	Expenditures As of 11/14/2016	Revenues As of 11/14/2016	Balance As of 11/14/2016
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

Pt. Molate Remediation Budget Report
As of November 14, 2016

Transactions	Date	Expenditures	Revenues	Balance
		As of 11/14/2016	As of 11/14/2016	As of 11/14/2016
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	4/1/2011		\$ 1,150.69	\$ 23,081,534.66
Savings Interest - March 2011	4/1/2011		\$ 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

Pt. Molate Remediation Budget Report
As of November 14, 2016

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 11/14/2016	As of 11/14/2016	As of 11/14/2016
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

BAI.6

Pt. Molate Remediation Budget Report
As of November 14, 2016

Vendors	Date	Expenditures	Revenues	Balance
		As of 11/14/2016	As of 11/14/2016	As of 11/14/2016
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		
TOTAL		\$ 8,470.50	\$ -	\$ 8,470.50
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	2/6/2011	\$ 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 November 14, 2016

Vendors	Date	Expenditures	Revenues	Balance
		As of 11/14/2016	As of 11/14/2016	As of 11/14/2016
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 November 14, 2016

Vendors	Date	Expenditures As of 11/14/2016	Revenues As of 11/14/2016	Balance As of 11/14/2016
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 - Decemberr 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 November 14, 2016

Vendors	Date	Expenditures	Revenues	Balance
		As of 11/14/2016	As of 11/14/2016	As of 11/14/2016
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		\$ 523.78	
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	
TOTAL		\$ 487,315.24	\$ 400.00	\$ 486,915.24

BAI.11

Pt. Molate Remediation Budget Report
As of November 14, 2016

Vendors	Date	Expenditures	Revenues	Balance
		As of 11/14/2016	As of 11/14/2016	As of 11/14/2016
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		
TOTAL		\$ 6,340,662.56	\$ -	\$ 6,340,662.56

BA1.12

Pt. Molate Remediation Budget Report
As of November 14, 2016

Vendors	Date	Expenditures	Revenues	Balance
		As of 11/14/2016	As of 11/14/2016	As of 11/14/2016
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 11/14/2016		\$ 24,425,381.78	\$ 207,761.75	
Remaining Balance				\$ 4,282,379.07
* 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 FY2016-17 Budget

Department	Account	Item	Vendor	Budget	Actual	Balance
Non-Departmental	01917090-400218	Security	DP Security	\$ 253,331	\$ -	\$ 253,331
Public Works	01233631-400537	Landscape	D&H Landscaping	\$ 83,940	\$ 6,850	\$ 77,090
				<u>\$ 337,271</u>	<u>\$ 6,850</u>	<u>\$ 330,421</u>

As of October 31, 2016

BAZ

