CERTIFIED MAIL NO. 91 7108 2133 3937 3827 8968

TESORO

Tesoro Hawaii Corporation
91-325 Komohana Street
Kapolei, Hawaii 96707-1713
808 547 3111
808 547 3145 Fax

December 5, 2011

Mr. Paul Kalaiwaa,
Solid & Hazardous Waste Branch, HDOH
919 Ala Moana Blvd., Room 212
Honolulu, HI 96813

RE: Semi-Annual Groundwater Monitoring Analytical Results and Inspection Closed Surface Impoundment Tesoro Hawaii Corporation Refinery (HID 056 786 395)

Dear Mr. Kalaiwaa:

Enclosed is the **Semi-annual Post-closure Groundwater Analytical Report** for the closed surface impoundments at Tesoro Hawaii Corporation's refinery in Kapolei. Groundwater samples were collected from the 12 monitoring wells surrounding the closed ponds on September 8, 2011. URS was contracted to conduct the well sampling.

The monitoring wells are located on all four sides of the closed surface impoundments and on each side there are 3 wells drilled to different depths, 25, 43 and 60 feet below grade. Figure 1 – Tesoro Refinery Post Closure Monitoring Wells Map shows the 4 cluster wells designated by CW1 – CW4. Samples were analyzed by Test America Corporation in Aiea, Hawaii. Results of the September Sampling event are attached and are summarized on Table 1.

The sampling method used for the semi-annual sampling event used ASTM D 6771-02 – Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigations. This method known as minimal drawdown purging or low-stress purging was adopted and approved by ASTM on February 10, 2002. This sampling method was verbally approved by you on September 18, 2006 in a discussion with Chris Jansen and will be used for future sampling events. Well Purging/Sampling Data Sheets completed by URS for the sampling event are maintained in Tesoro's file.

As required by the EPA-approved, Post-closure Monitoring Plan, copies of the inspection and maintenance logs for the closed pond area for the reporting period are also included with this report.

Should you have questions about this report or the analytical results please contact Walt Albertson at 547-3945.

Sincerely,

Theodore K. Metrose
Manager, Refinery Environmental Affairs

Enclosures

CC: Mr. Mitch Kaplan
US EPA Region IX (H-3-1)
75 Hawthorne Street
San Francisco, CA 94105-3901

Table 1 - September 2011 Semi-annual Post Closure Monitoring Resuts

Sample date: 9/08/11	Closure Well (CW) Sample Location ug/L												
COMPOUND	CW - 1a	CW - 1b	CW - 1c	CW - 2a	CW - 2b	CW - 2c	CW - 3a	CW - 3b	CW - 3c	CW - 4a	CW - 4b	CW - 4c[2]	CW 4b Dupe (1)[2]
Volatiles (8260B)	Test America - Hawaii Lab												
BENZENE	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
TOLUENE	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
XYLENES (TOTAL)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
IODOMETHANE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
ACETONE	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
MTBE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
CARBON DISULFIDE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
METHYLENE CHLORIDE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Semi-volatiles (8270C)	Test America - Hawaii Lab												
CHRYSENE	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-DIMETHYLPHENOL	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
NAPHTHALENE	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-NITROANILINE	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
4,6-DINITRO-2-METHYLPHENOL	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
DIETHYL PHTHALATE	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-NITROPHENOL	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Metals (6010B & 7470)[3]	Test America - Hawaii Lab												
ANTIMONY	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
ARSENIC	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
BARIUM	**29**	**44**	**38**	**36**	**46**	**33**	**180**	**80**	**140**	**34**	**28**	**28**	**29**
BERYLLIUM	<4	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
CADMIUM (TOTAL)	<5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
CHROMIUM (TOTAL)	<5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
COBALT	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
LEAD (TOTAL)	<5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
MERCURY (TOTAL)[1]	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
NICKEL (TOTAL)	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
SELENIUM	<10	<20	<20	**20**	<20	<20	**16**	<20	<20	<20	<20	<20	<20
VANADIUM (TOTAL)	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20

Notes:

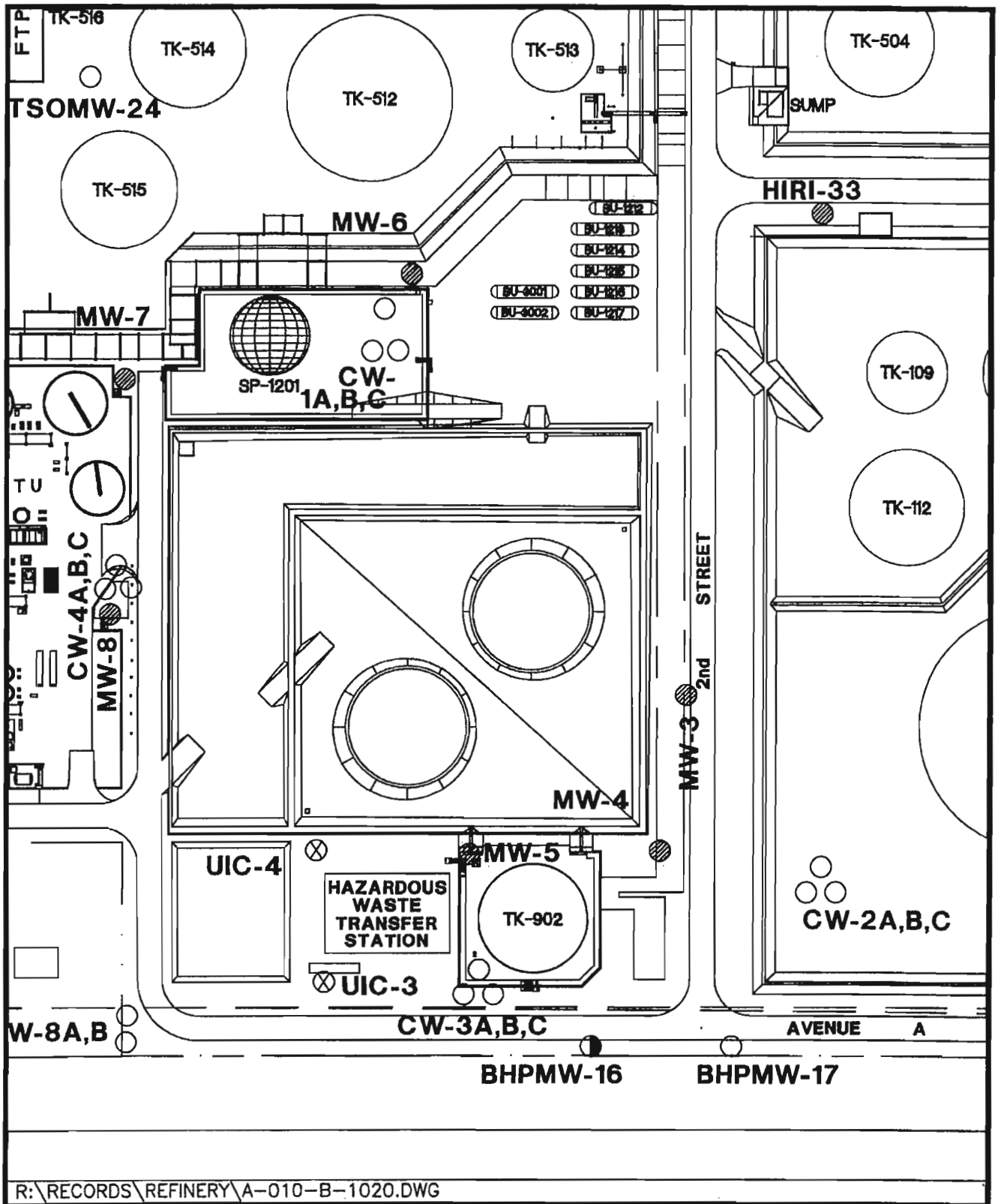
< # RL value is less than laboratory reporting limits (RL) for which the value is statistically qualified as valid.

Sampling was done using ASTM Micropurge Method .

a wells were drilled to 25 ft below grade

b wells were drilled to 43 ft below grade

c wells were drilled to 60 ft below grade



R:\RECORDS\REFINERY\A-010-B-1020.DWG

TESORO HAWAII	010 – REFINERY GENERAL PLOT PLAN **FIGURE 1 - TESORO REFINERY POST-CLOSURE MONITORING WELL MAP**	DSGN JMM DATE 11/16/09	SCALE NONE	PROJECT NO.
		CHKD OPER APPV	DRAWING NO. FIGURE-1	REV. 0

Quarterly Inspection and Maintenance Log for Closed RCRA Units

TESORO

Inspector Name: Tim Ekau **Title:** ENV TECH **Signature:**

Inspection Date: 9/13/11 **Inspection Time:** 1410 Hrs **Pond Number:** Tank Foundation Pond

Observation Item	Condition	Repair/Remedial Action Required	Description of Repair/ Remedial Action Taken	Date of Repair/ Remedial Action Completed
Sump	In good condition and dry.	N/A	N/A	N/A
Asphalt Cap	Cracks repaired from previous inspection.	N/A	N/A	N/A
Groundwater Monitoring Equipment	N/A	N/A	N/A	N/A
Other	Manually tested pumps (P3575A & P3575B). P3575A is not working. P3575B is working.	Repair P3575A.	Notification submitted on 9/2011 #10565574	N/A

Return completed form to Environmental Dept, Water Quality Administrator. File Location: RCRA 4.3.3

Blank Form located at N:\Refinery\Enviromental\Forms\Closed Ponds Insp and Maint Log.doc

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
99-193 Aiea Heights Drive, Suite 121
Aiea, HI 96701
Tel: 808-486-5227

TestAmerica Job ID: HUI0021
Client Project/Site: Pond Closure GW Sampling, 26537533.00200
Client Project Description: Pond Closure

For:
Tesoro Hawaii Corp. Refinery
91-325 Komohana Street
Kapolei, HI 96707

Attn: Walter Albertson

Authorized for release by:
09/22/2011 04:22:17 PM

Margie Pascua Thach
Project Manager
margie.pascua@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Definitions/Glossary

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Qualifiers

GCMS-Volatiles

Qualifier	Qualifier Description
P9	This analyte has been shown to degrade upon preservation with HCl and cannot accurately be quantitated.

GCMS-Semivolatiles

Qualifier	Qualifier Description
C-2a	Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 67%
C-2	Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form. 62%
RL2	Reporting limit raised due to high concentrations of hydrocarbons.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.

Metals

Qualifier	Qualifier Description
RL1	Reporting limit raised due to sample matrix effects.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Job ID: HUI0021

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 2 degrees C.
NELAC states that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.

Sample Receipt:

Some VOAs received with headspace.

Sample Summary

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HUI0021-01	TRIP BLANK	Water - NonPotable	09/08/11 07:00	09/08/11 14:50
HUI0021-02	CW-1A	Water - NonPotable	09/08/11 07:58	09/08/11 14:50
HUI0021-03	CW-1B	Water - NonPotable	09/08/11 08:20	09/08/11 14:50
HUI0021-04	CW-1C	Water - NonPotable	09/08/11 08:45	09/08/11 14:50
HUI0021-05	CW-2A	Water - NonPotable	09/08/11 11:15	09/08/11 14:50
HUI0021-06	CW-2B	Water - NonPotable	09/08/11 11:45	09/08/11 14:50
HUI0021-07	CW-2C	Water - NonPotable	09/08/11 12:07	09/08/11 14:50
HUI0021-08	CW-3A	Water - NonPotable	09/08/11 12:53	09/08/11 14:50
HUI0021-09	CW-3B	Water - NonPotable	09/08/11 13:28	09/08/11 14:50
HUI0021-10	CW-3C	Water - NonPotable	09/08/11 13:50	09/08/11 14:50
HUI0021-11	CW-4A	Water - NonPotable	09/08/11 09:30	09/08/11 14:50
HUI0021-12	CW-4B	Water - NonPotable	09/08/11 09:54	09/08/11 14:50
HUI0021-13	CW-4C	Water - NonPotable	09/08/11 10:30	09/08/11 14:50
HUI0021-14	CW-5B	Water - NonPotable	09/08/11 11:00	09/08/11 14:50

Detection Summary

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: TRIP BLANK — Lab Sample ID: HUI0021-01

No Detections

Client Sample ID: CW-1A — Lab Sample ID: HUI0021-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	29		10		ug/l	1.0		EPA 6010B	Total

Client Sample ID: CW-1B — Lab Sample ID: HUI0021-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	44		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-1C — Lab Sample ID: HUI0021-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	38		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-2A — Lab Sample ID: HUI0021-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	36		10		ug/l	1.0		EPA 6010B	Total
Selenium	20		10		ug/l	1.0		EPA 6010B	Total

Client Sample ID: CW-2B — Lab Sample ID: HUI0021-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	46		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-2C — Lab Sample ID: HUI0021-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	33		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-3A — Lab Sample ID: HUI0021-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	180		10		ug/l	1.0		EPA 6010B	Total
Chromium	8.8		5.0		ug/l	1.0		EPA 6010B	Total
Selenium	16		10		ug/l	1.0		EPA 6010B	Total

Client Sample ID: CW-3B — Lab Sample ID: HUI0021-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	80		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-3C — Lab Sample ID: HUI0021-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	140		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-4A — Lab Sample ID: HUI0021-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	34		20		ug/l	2.0		EPA 6010B	Total

Detection Summary

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4B

Lab Sample ID: HUI0021-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	28		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-4C

Lab Sample ID: HUI0021-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	28		20		ug/l	2.0		EPA 6010B	Total
Selenium	23		20		ug/l	2.0		EPA 6010B	Total

Client Sample ID: CW-5B

Lab Sample ID: HUI0021-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	29		20		ug/l	2.0		EPA 6010B	Total

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: TRIP BLANK

Date Collected: 09/08/11 07:00
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-01

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: TRIP BLANK

Date Collected: 09/08/11 07:00
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-01

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:03	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:03*	*1.0*
Dibromofluoromethane	*97*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:03*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:03*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 11:03	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 11:03	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:03*	*1.0*
Dibromofluoromethane	*97*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:03*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:03*	*1.0*

Client Sample ID: CW-1A

Date Collected: 09/08/11 07:58
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-02

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1A

Date Collected: 09/08/11 07:58
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-02

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 11:32	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1A

Date Collected: 09/08/11 07:58
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-02

Matrix: Water - NonPotable

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:32*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:32*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:32*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 11:32	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 11:32	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:32*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:32*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 11:32*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Acenaphthylene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Aniline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzo(a)anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzo(a)pyrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzo(b)fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzoic acid	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzo(g,h,i)perylene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzo(k)fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Benzyl alcohol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
4-Bromophenyl phenyl ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Butyl benzyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
4-Chloro-3-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
4-Chloroaniline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Bis(2-chloroethoxy)methane	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Bis(2-chloroethyl)ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Bis(2-chloroisopropyl)ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Chloronaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Chlorophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
4-Chlorophenyl phenyl ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Chrysene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Dibenz(a,h)anthracene	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Dibenzofuran	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Di-n-butyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1,2-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1,3-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1,4-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
3,3'-Dichlorobenzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,4-Dichlorophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Diethyl phthalate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,4-Dimethylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Dimethyl phthalate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1,2-Diphenylhydrazine/Azobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1A

Date Collected: 09/08/11 07:58
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-02

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,4-Dinitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,4-Dinitrotoluene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,6-Dinitrotoluene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Di-n-octyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Fluorene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Hexachlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Hexachlorobutadiene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Hexachlorocyclopentadiene	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Hexachloroethane	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Indeno(1,2,3-cd)pyrene	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Isophorone	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Methylnaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Methylphenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
3/4-Methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Naphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
3-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
4-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Nitrobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Nitrophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
4-Nitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
N-Nitrosodimethylamine	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
N-Nitrosodiphenylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
N-Nitroso-di-n-propylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Pentachlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Phenanthrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Phenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Pyrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Pyridine	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1,2,4-Trichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,4,5-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,4,6-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Acetophenone	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1-Chloronaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
4-Aminobiphenyl	ND		14		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,6-Dichlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Dimethylaminoazobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
7,12-Dimethylbenz[a]anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
a,a-Dimethylphenethylamine	ND	C-2	120		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Ethyl methanesulfonate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Dibenz[a,j]acridine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
3-Methylcholanthrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Methyl methanesulfonate	ND		14		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1-Naphthylamine	ND	C-2a	14		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Naphthylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
N-Nitrosodi-n-butylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
N-Nitrosopiperidine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Pentachloronitrobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1A

Date Collected: 09/08/11 07:58
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-02
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenacetin	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2-Picoline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
Pronamide	ND		14		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1,2,4,5-Tetrachlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
2,3,4,6-Tetrachlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 16:53	1.0
1-Methylnaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 16:53	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*50 - 120*	*09/12/11 12:47*	*09/14/11 16:53*	*1.0*
2-Fluorophenol	*65*		*30 - 120*	*09/12/11 12:47*	*09/14/11 16:53*	*1.0*
Nitrobenzene-d5	*77*		*45 - 120*	*09/12/11 12:47*	*09/14/11 16:53*	*1.0*
Phenol-d6	*81*		*35 - 120*	*09/12/11 12:47*	*09/14/11 16:53*	*1.0*
Terphenyl-d14	*72*		*50 - 125*	*09/12/11 12:47*	*09/14/11 16:53*	*1.0*
2,4,6-Tribromophenol	*103*		*40 - 120*	*09/12/11 12:47*	*09/14/11 16:53*	*1.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Arsenic	ND		10		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Barium	**29**		10		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Beryllium	ND		4.0		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Cadmium	ND		5.0		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Chromium	ND		5.0		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Cobalt	ND		10		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Lead	ND		5.0		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Nickel	ND		10		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Selenium	ND		10		ug/l		09/13/11 13:11	09/15/11 22:54	1.0
Vanadium	ND		10		ug/l		09/13/11 13:11	09/15/11 22:54	1.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:08	1.0

Client Sample ID: CW-1B

Date Collected: 09/08/11 08:20
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-03
Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1B

Date Collected: 09/08/11 08:20
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-03

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1B

Date Collected: 09/08/11 08:20
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-03

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 09:37	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 09:37*	*1.0*
Dibromofluoromethane	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 09:37*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 09:37*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 09:37	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 09:37	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 09:37*	*1.0*
Dibromofluoromethane	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 09:37*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 09:37*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Acenaphthylene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Aniline	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Anthracene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzo(a)anthracene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzo(a)pyrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzo(b)fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzoic acid	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzo(g,h,i)perylene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzo(k)fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Benzyl alcohol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4-Bromophenyl phenyl ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Butyl benzyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4-Chloro-3-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4-Chloroaniline	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Bis(2-chloroethoxy)methane	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Bis(2-chloroethyl)ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Bis(2-chloroisopropyl)ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Chloronaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Chlorophenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4-Chlorophenyl phenyl ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Chrysene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Dibenz(a,h)anthracene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Dibenzofuran	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Di-n-butyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1,2-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1,3-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1,4-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
3,3'-Dichlorobenzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1B

Date Collected: 09/08/11 08:20
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-03

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Diethyl phthalate	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,4-Dimethylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Dimethyl phthalate	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1,2-Diphenylhydrazine/Azobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4,6-Dinitro-2-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,4-Dinitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,4-Dinitrotoluene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,6-Dinitrotoluene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Di-n-octyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Fluorene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Hexachlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Hexachlorobutadiene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Hexachlorocyclopentadiene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Hexachloroethane	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Indeno(1,2,3-cd)pyrene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Isophorone	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Methylnaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Methylphenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
3/4-Methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Naphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
3-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Nitrobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Nitrophenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4-Nitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
N-Nitrosodimethylamine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
N-Nitrosodiphenylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
N-Nitroso-di-n-propylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Pentachlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Phenanthrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Phenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Pyrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Pyridine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1,2,4-Trichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,4,5-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,4,6-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Acetophenone	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1-Chloronaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
4-Aminobiphenyl	ND		14		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,6-Dichlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Dimethylaminoazobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
7,12-Dimethylbenz[a]anthracene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
a,a-Dimethylphenethylamine	ND	C-2	110		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Ethyl methanesulfonate	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Dibenz[a,j]acridine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
3-Methylcholanthrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Methyl methanesulfonate	ND		14		ug/l		09/12/11 12:47	09/14/11 17:14	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1B

Date Collected: 09/08/11 08:20
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-03
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Naphthylamine	ND	C-2a	14		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Naphthylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
N-Nitrosodi-n-butylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
N-Nitrosopiperidine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Pentachloronitrobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Phenacetin	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2-Picoline	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
Pronamide	ND		14		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1,2,4,5-Tetrachlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
2,3,4,6-Tetrachlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 17:14	1.0
1-Methylnaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 17:14	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*50 - 120*	*09/12/11 12:47*	*09/14/11 17:14*	*1.0*
2-Fluorophenol	*70*		*30 - 120*	*09/12/11 12:47*	*09/14/11 17:14*	*1.0*
Nitrobenzene-d5	*72*		*45 - 120*	*09/12/11 12:47*	*09/14/11 17:14*	*1.0*
Phenol-d6	*85*		*35 - 120*	*09/12/11 12:47*	*09/14/11 17:14*	*1.0*
Terphenyl-d14	*63*		*50 - 125*	*09/12/11 12:47*	*09/14/11 17:14*	*1.0*
2,4,6-Tribromophenol	*98*		*40 - 120*	*09/12/11 12:47*	*09/14/11 17:14*	*1.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Barium	**44**		20		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:34	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:34	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:11	1.0

Client Sample ID: CW-1C

Date Collected: 09/08/11 08:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-04
Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1C
Date Collected: 09/08/11 08:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-04
Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1C

Date Collected: 09/08/11 08:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-04

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:00	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:00*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:00*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:00*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 12:00	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 12:00	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:00*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:00*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:00*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Acenaphthylene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Aniline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzidine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzo(a)anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzo(a)pyrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzo(b)fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzoic acid	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzo(g,h,i)perylene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzo(k)fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Benzyl alcohol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4-Bromophenyl phenyl ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Butyl benzyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4-Chloro-3-methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4-Chloroaniline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Bis(2-chloroethoxy)methane	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Bis(2-chloroethyl)ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Bis(2-chloroisopropyl)ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Chloronaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Chlorophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4-Chlorophenyl phenyl ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Chrysene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Dibenz(a,h)anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Dibenzofuran	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-1C

Date Collected: 09/08/11 08:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-04

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1,2-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1,3-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1,4-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
3,3'-Dichlorobenzidine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,4-Dichlorophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Diethyl phthalate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,4-Dimethylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Dimethyl phthalate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1,2-Diphenylhydrazine/Azobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4,6-Dinitro-2-methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,4-Dinitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,4-Dinitrotoluene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,6-Dinitrotoluene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Di-n-octyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Fluorene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Hexachlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Hexachlorobutadiene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Hexachlorocyclopentadiene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Hexachloroethane	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Indeno(1,2,3-cd)pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Isophorone	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Methylnaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Methylphenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
3/4-Methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Naphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
3-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Nitrobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Nitrophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4-Nitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
N-Nitrosodimethylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
N-Nitrosodiphenylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
N-Nitroso-di-n-propylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Pentachlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Phenanthrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Phenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Pyrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Pyridine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1,2,4-Trichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,4,5-Trichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,4,6-Trichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Acetophenone	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1-Chloronaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
4-Aminobiphenyl	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,6-Dichlorophenol	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Dimethylaminoazobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
7,12-Dimethylbenz[a]anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0

Client Sample ID: CW-1C

Date Collected: 09/08/11 08:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-04

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
a,a-Dimethylphenethylamine	ND	RL2 C-2	230		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Ethyl methanesulfonate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Dibenz[a,j]acridine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
3-Methylcholanthrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Methyl methanesulfonate	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1-Naphthylamine	ND	RL2 C-2a	29		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Naphthylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
N-Nitrosodi-n-butylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
N-Nitrosopiperidine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Pentachloronitrobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Phenacetin	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2-Picoline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
Pronamide	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1,2,4,5-Tetrachlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
2,3,4,6-Tetrachlorophenol	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:45	2.0
1-Methylnaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:45	2.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*	*RL2*	*50 - 120*	*09/12/11 12:47*	*09/14/11 20:45*	*2.0*
2-Fluorophenol	*72*	*RL2*	*30 - 120*	*09/12/11 12:47*	*09/14/11 20:45*	*2.0*
Nitrobenzene-d5	*69*	*RL2*	*45 - 120*	*09/12/11 12:47*	*09/14/11 20:45*	*2.0*
Phenol-d6	*83*	*RL2*	*35 - 120*	*09/12/11 12:47*	*09/14/11 20:45*	*2.0*
Terphenyl-d14	*51*	*RL2*	*50 - 125*	*09/12/11 12:47*	*09/14/11 20:45*	*2.0*
2,4,6-Tribromophenol	*107*	*RL2*	*40 - 120*	*09/12/11 12:47*	*09/14/11 20:45*	*2.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Barium	38		20		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:36	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:36	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:13	1.0

Client Sample ID: CW-2A

Date Collected: 09/08/11 11:15
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-05

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 12:29	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2A

Date Collected: 09/08/11 11:15
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-05

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2A

Date Collected: 09/08/11 11:15
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-05

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:29	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:29*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:29*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:29*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 12:29	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 12:29	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:29*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:29*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:29*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Acenaphthylene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Aniline	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Anthracene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzidine	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzo(a)anthracene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzo(a)pyrene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzo(b)fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzoic acid	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzo(g,h,i)perylene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzo(k)fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Benzyl alcohol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4-Bromophenyl phenyl ether	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Butyl benzyl phthalate	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4-Chloro-3-methylphenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4-Chloroaniline	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Bis(2-chloroethoxy)methane	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Bis(2-chloroethyl)ether	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Bis(2-chloroisopropyl)ether	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2-Chloronaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2A

Date Collected: 09/08/11 11:15
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-05

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4-Chlorophenyl phenyl ether	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Chrysene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Dibenz(a,h)anthracene	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Dibenzofuran	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Di-n-butyl phthalate	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1,2-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1,3-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1,4-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
3,3'-Dichlorobenzidine	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,4-Dichlorophenol	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Diethyl phthalate	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,4-Dimethylphenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Dimethyl phthalate	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1,2-Diphenylhydrazine/Azobenzene	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4,6-Dinitro-2-methylphenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,4-Dinitrophenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,4-Dinitrotoluene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,6-Dinitrotoluene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Di-n-octyl phthalate	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Fluorene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Hexachlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Hexachlorobutadiene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Hexachlorocyclopentadiene	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Hexachloroethane	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Indeno(1,2,3-cd)pyrene	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Isophorone	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2-Methylnaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2-Methylphenol	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
3/4-Methylphenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Naphthalene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
3-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Nitrobenzene	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2-Nitrophenol	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4-Nitrophenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
N-Nitrosodimethylamine	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
N-Nitrosodiphenylamine	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
N-Nitroso-di-n-propylamine	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Pentachlorophenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Phenanthrene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Phenol	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Pyrene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Pyridine	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1,2,4-Trichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,4,5-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,4,6-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Acetophenone	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2A

Date Collected: 09/08/11 11:15
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-05

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Chloronaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
4-Aminobiphenyl	ND		14		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,6-Dichlorophenol	ND		14		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Dimethylaminoazobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
7,12-Dimethylbenz[a]anthracene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
a,a-Dimethylphenethylamine	ND	C-2	110		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Ethyl methanesulfonate	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Dibenz[a,j]acridine	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
3-Methylcholanthrene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Methyl methanesulfonate	ND		14		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1-Naphthylamine	ND	C-2a	14		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2-Naphthylamine	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
N-Nitrosodi-n-butylamine	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
N-Nitrosopiperidine	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Pentachloronitrobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Phenacetin	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2-Picoline	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
Pronamide	ND		14		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1,2,4,5-Tetrachlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
2,3,4,6-Tetrachlorophenol	ND		14		ug/l		09/12/11 12:47	09/15/11 18:20	1.0
1-Methylnaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/15/11 18:20	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*50 - 120*	*09/12/11 12:47*	*09/15/11 18:20*	*1.0*
2-Fluorophenol	*74*		*30 - 120*	*09/12/11 12:47*	*09/15/11 18:20*	*1.0*
Nitrobenzene-d5	*77*		*45 - 120*	*09/12/11 12:47*	*09/15/11 18:20*	*1.0*
Phenol-d6	*84*		*35 - 120*	*09/12/11 12:47*	*09/15/11 18:20*	*1.0*
Terphenyl-d14	*50*		*50 - 125*	*09/12/11 12:47*	*09/15/11 18:20*	*1.0*
2,4,6-Tribromophenol	*109*		*40 - 120*	*09/12/11 12:47*	*09/15/11 18:20*	*1.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Arsenic	ND		10		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Barium	**36**		10		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Beryllium	ND		4.0		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Cadmium	ND		5.0		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Chromium	ND		5.0		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Cobalt	ND		10		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Lead	ND		5.0		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Nickel	ND		10		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Selenium	**20**		10		ug/l		09/13/11 13:11	09/15/11 23:02	1.0
Vanadium	ND		10		ug/l		09/13/11 13:11	09/15/11 23:02	1.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:16	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2B

Date Collected: 09/08/11 11:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-06

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2B
Date Collected: 09/08/11 11:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-06
Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 12:57	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:57*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:57*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:57*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 12:57	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 12:57	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:57*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:57*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 12:57*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Acenaphthylene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Aniline	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Anthracene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzidine	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzo(a)anthracene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzo(a)pyrene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzo(b)fluoranthene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzoic acid	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzo(g,h,i)perylene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzo(k)fluoranthene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Benzyl alcohol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4-Bromophenyl phenyl ether	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Butyl benzyl phthalate	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4-Chloro-3-methylphenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4-Chloroaniline	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Bis(2-chloroethoxy)methane	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Bis(2-chloroethyl)ether	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Bis(2-chloroisopropyl)ether	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2B
Date Collected: 09/08/11 11:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-06
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2-Chlorophenol	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4-Chlorophenyl phenyl ether	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Chrysene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Dibenz(a,h)anthracene	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Dibenzofuran	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Di-n-butyl phthalate	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1,2-Dichlorobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1,3-Dichlorobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1,4-Dichlorobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
3,3'-Dichlorobenzidine	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,4-Dichlorophenol	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Diethyl phthalate	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,4-Dimethylphenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Dimethyl phthalate	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1,2-Diphenylhydrazine/Azobenzene	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4,6-Dinitro-2-methylphenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,4-Dinitrophenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,4-Dinitrotoluene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,6-Dinitrotoluene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Di-n-octyl phthalate	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Fluoranthene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Fluorene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Hexachlorobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Hexachlorobutadiene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Hexachlorocyclopentadiene	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Hexachloroethane	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Indeno(1,2,3-cd)pyrene	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Isophorone	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2-Methylnaphthalene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2-Methylphenol	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
3/4-Methylphenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Naphthalene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2-Nitroaniline	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
3-Nitroaniline	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4-Nitroaniline	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Nitrobenzene	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2-Nitrophenol	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4-Nitrophenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
N-Nitrosodimethylamine	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
N-Nitrosodiphenylamine	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
N-Nitroso-di-n-propylamine	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Pentachlorophenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Phenanthrene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Phenol	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Pyrene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Pyridine	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1,2,4-Trichlorobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,4,5-Trichlorophenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,4,6-Trichlorophenol	ND		20		ug/l		09/12/11 12:47	09/14/11 17:35	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2B

Date Collected: 09/08/11 11:45
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-06

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1-Chloronaphthalene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
4-Aminobiphenyl	ND		15		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,6-Dichlorophenol	ND		15		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Dimethylaminoazobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
7,12-Dimethylbenz[a]anthracene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
a,a-Dimethylphenethylamine	ND	C-2	120		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Ethyl methanesulfonate	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Dibenz[a,j]acridine	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
3-Methylcholanthrene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Methyl methanesulfonate	ND		15		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1-Naphthylamine	ND	C-2a	15		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2-Naphthylamine	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
N-Nitrosodi-n-butylamine	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
N-Nitrosopiperidine	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Pentachloronitrobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Phenacetin	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2-Picoline	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
Pronamide	ND		15		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1,2,4,5-Tetrachlorobenzene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
2,3,4,6-Tetrachlorophenol	ND		15		ug/l		09/12/11 12:47	09/14/11 17:35	1.0
1-Methylnaphthalene	ND		10		ug/l		09/12/11 12:47	09/14/11 17:35	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*50 - 120*	*09/12/11 12:47*	*09/14/11 17:35*	*1.0*
2-Fluorophenol	*69*		*30 - 120*	*09/12/11 12:47*	*09/14/11 17:35*	*1.0*
Nitrobenzene-d5	*67*		*45 - 120*	*09/12/11 12:47*	*09/14/11 17:35*	*1.0*
Phenol-d6	*87*		*35 - 120*	*09/12/11 12:47*	*09/14/11 17:35*	*1.0*
Terphenyl-d14	*61*		*50 - 125*	*09/12/11 12:47*	*09/14/11 17:35*	*1.0*
2,4,6-Tribromophenol	*101*		*40 - 120*	*09/12/11 12:47*	*09/14/11 17:35*	*1.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Barium	46		20		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:38	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:38	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:18	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2C

Date Collected: 09/08/11 12:07
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-07

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2C

Date Collected: 09/08/11 12:07
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-07

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:26	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:26*	*1.0*
Dibromofluoromethane	*96*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:26*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:26*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 13:26	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 13:26	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:26*	*1.0*
Dibromofluoromethane	*96*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:26*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:26*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Acenaphthylene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Aniline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzo(a)anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzo(a)pyrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzo(b)fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzoic acid	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzo(g,h,i)perylene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzo(k)fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Benzyl alcohol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4-Bromophenyl phenyl ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Butyl benzyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4-Chloro-3-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4-Chloroaniline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Bis(2-chloroethoxy)methane	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Bis(2-chloroethyl)ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Bis(2-chloroisopropyl)ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2C
Date Collected: 09/08/11 12:07
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-07
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2-Chlorophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4-Chlorophenyl phenyl ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Chrysene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Dibenz(a,h)anthracene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Dibenzofuran	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Di-n-butyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1,2-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1,3-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1,4-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
3,3'-Dichlorobenzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,4-Dichlorophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Diethyl phthalate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,4-Dimethylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Dimethyl phthalate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1,2-Diphenylhydrazine/Azobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4,6-Dinitro-2-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,4-Dinitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,4-Dinitrotoluene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,6-Dinitrotoluene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Di-n-octyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Fluorene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Hexachlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Hexachlorobutadiene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Hexachlorocyclopentadiene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Hexachloroethane	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Indeno(1,2,3-cd)pyrene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Isophorone	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2-Methylnaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2-Methylphenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
3/4-Methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Naphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
3-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Nitrobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2-Nitrophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4-Nitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
N-Nitrosodimethylamine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
N-Nitrosodiphenylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
N-Nitroso-di-n-propylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Pentachlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Phenanthrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Phenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Pyrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Pyridine	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1,2,4-Trichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,4,5-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,4,6-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 17:56	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-2C

Date Collected: 09/08/11 12:07
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-07

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1-Chloronaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
4-Aminobiphenyl	ND		14		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,6-Dichlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Dimethylaminoazobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
7,12-Dimethylbenz[a]anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
a,a-Dimethylphenethylamine	ND	C-2	120		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Ethyl methanesulfonate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Dibenz[a,j]acridine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
3-Methylcholanthrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Methyl methanesulfonate	ND		14		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1-Naphthylamine	ND	C-2a	14		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2-Naphthylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
N-Nitrosodi-n-butylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
N-Nitrosopiperidine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Pentachloronitrobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Phenacetin	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2-Picoline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
Pronamide	ND		14		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1,2,4,5-Tetrachlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
2,3,4,6-Tetrachlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 17:56	1.0
1-Methylnaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 17:56	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*50 - 120*	*09/12/11 12:47*	*09/14/11 17:56*	*1.0*
2-Fluorophenol	*71*		*30 - 120*	*09/12/11 12:47*	*09/14/11 17:56*	*1.0*
Nitrobenzene-d5	*67*		*45 - 120*	*09/12/11 12:47*	*09/14/11 17:56*	*1.0*
Phenol-d6	*78*		*35 - 120*	*09/12/11 12:47*	*09/14/11 17:56*	*1.0*
Terphenyl-d14	*40*	*Z*	*50 - 125*	*09/12/11 12:47*	*09/14/11 17:56*	*1.0*
2,4,6-Tribromophenol	*100*		*40 - 120*	*09/12/11 12:47*	*09/14/11 17:56*	*1.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Barium	33		20		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Beryllium	ND		8.0		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:41	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:41	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:21	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3A

Date Collected: 09/08/11 12:53
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-08

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3A

Date Collected: 09/08/11 12:53
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-08

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 13:54	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:54*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:54*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:54*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 13:54	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 13:54	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:54*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:54*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 13:54*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Acenaphthylene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Aniline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzidine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzo(a)anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzo(a)pyrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzo(b)fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzoic acid	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzo(g,h,i)perylene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzo(k)fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Benzyl alcohol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4-Bromophenyl phenyl ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Butyl benzyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4-Chloro-3-methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4-Chloroaniline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Bis(2-chloroethoxy)methane	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Bis(2-chloroethyl)ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Bis(2-chloroisopropyl)ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3A
Date Collected: 09/08/11 12:53
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-08
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2-Chlorophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4-Chlorophenyl phenyl ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Chrysene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Dibenz(a,h)anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Dibenzofuran	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Di-n-butyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1,2-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1,3-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1,4-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
3,3'-Dichlorobenzidine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,4-Dichlorophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Diethyl phthalate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,4-Dimethylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Dimethyl phthalate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1,2-Diphenylhydrazine/Azobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4,6-Dinitro-2-methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,4-Dinitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,4-Dinitrotoluene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,6-Dinitrotoluene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Di-n-octyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Fluorene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Hexachlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Hexachlorobutadiene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Hexachlorocyclopentadiene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Hexachloroethane	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Indeno(1,2,3-cd)pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Isophorone	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2-Methylnaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2-Methylphenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
3/4-Methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Naphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
3-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Nitrobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2-Nitrophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4-Nitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
N-Nitrosodimethylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
N-Nitrosodiphenylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
N-Nitroso-di-n-propylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Pentachlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Phenanthrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Phenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Pyrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Pyridine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1,2,4-Trichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,4,5-Trichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,4,6-Trichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 18:17	2.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3A

Date Collected: 09/08/11 12:53
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-08

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1-Chloronaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
4-Aminobiphenyl	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,6-Dichlorophenol	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Dimethylaminoazobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
7,12-Dimethylbenz[a]anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
a,a-Dimethylphenethylamine	ND	RL2 C-2	230		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Ethyl methanesulfonate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Dibenz[a,j]acridine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
3-Methylcholanthrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Methyl methanesulfonate	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1-Naphthylamine	ND	RL2 C-2a	29		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2-Naphthylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
N-Nitrosodi-n-butylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
N-Nitrosopiperidine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Pentachloronitrobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Phenacetin	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2-Picoline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
Pronamide	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1,2,4,5-Tetrachlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
2,3,4,6-Tetrachlorophenol	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 18:17	2.0
1-Methylnaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 18:17	2.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*	*RL2*	*50 - 120*	*09/12/11 12:47*	*09/14/11 18:17*	*2.0*
2-Fluorophenol	*71*	*RL2*	*30 - 120*	*09/12/11 12:47*	*09/14/11 18:17*	*2.0*
Nitrobenzene-d5	*72*	*RL2*	*45 - 120*	*09/12/11 12:47*	*09/14/11 18:17*	*2.0*
Phenol-d6	*88*	*RL2*	*35 - 120*	*09/12/11 12:47*	*09/14/11 18:17*	*2.0*
Terphenyl-d14	*58*	*RL2*	*50 - 125*	*09/12/11 12:47*	*09/14/11 18:17*	*2.0*
2,4,6-Tribromophenol	*105*	*RL2*	*40 - 120*	*09/12/11 12:47*	*09/14/11 18:17*	*2.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Arsenic	ND		10		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Barium	**180**		10		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Beryllium	ND		4.0		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Cadmium	ND		5.0		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Chromium	**8.8**		5.0		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Cobalt	ND		10		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Lead	ND		5.0		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Nickel	ND		10		ug/l		09/13/11 13:11	09/15/11 23:09	1.0
Selenium	**16**		10		ug/l		09/13/11 13:11	09/19/11 14:39	1.0
Vanadium	ND		10		ug/l		09/13/11 13:11	09/15/11 23:09	1.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:23	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3B

Date Collected: 09/08/11 13:28
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-09

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3B

Date Collected: 09/08/11 13:28
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-09

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:23	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:23*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:23*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:23*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 14:23	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 14:23	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:23*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:23*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:23*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Acenaphthylene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Aniline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzo(a)anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzo(a)pyrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzo(b)fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzoic acid	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzo(g,h,i)perylene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzo(k)fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Benzyl alcohol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4-Bromophenyl phenyl ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Butyl benzyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4-Chloro-3-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4-Chloroaniline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Bis(2-chloroethoxy)methane	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Bis(2-chloroethyl)ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Bis(2-chloroisopropyl)ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3B
Date Collected: 09/08/11 13:28
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-09
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2-Chlorophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4-Chlorophenyl phenyl ether	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Chrysene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Dibenz(a,h)anthracene	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Dibenzofuran	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Di-n-butyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1,2-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1,3-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1,4-Dichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
3,3'-Dichlorobenzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,4-Dichlorophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Diethyl phthalate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,4-Dimethylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Dimethyl phthalate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1,2-Diphenylhydrazine/Azobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4,6-Dinitro-2-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,4-Dinitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,4-Dinitrotoluene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,6-Dinitrotoluene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Di-n-octyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Fluoranthene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Fluorene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Hexachlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Hexachlorobutadiene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Hexachlorocyclopentadiene	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Hexachloroethane	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Indeno(1,2,3-cd)pyrene	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Isophorone	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2-Methylnaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2-Methylphenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
3/4-Methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Naphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
3-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Nitrobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2-Nitrophenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4-Nitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
N-Nitrosodimethylamine	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
N-Nitrosodiphenylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
N-Nitroso-di-n-propylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Pentachlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Phenanthrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Phenol	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Pyrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Pyridine	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1,2,4-Trichlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,4,5-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,4,6-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 18:39	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3B

Date Collected: 09/08/11 13:28
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-09

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1-Chloronaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
4-Aminobiphenyl	ND		14		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,6-Dichlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Dimethylaminoazobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
7,12-Dimethylbenz[a]anthracene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
a,a-Dimethylphenethylamine	ND	C-2	120		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Ethyl methanesulfonate	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Dibenz[a,j]acridine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
3-Methylcholanthrene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Methyl methanesulfonate	ND		14		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1-Naphthylamine	ND	C-2a	14		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2-Naphthylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
N-Nitrosodi-n-butylamine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
N-Nitrosopiperidine	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Pentachloronitrobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Phenacetin	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2-Picoline	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
Pronamide	ND		14		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1,2,4,5-Tetrachlorobenzene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
2,3,4,6-Tetrachlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 18:39	1.0
1-Methylnaphthalene	ND		9.6		ug/l		09/12/11 12:47	09/14/11 18:39	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*50 - 120*	*09/12/11 12:47*	*09/14/11 18:39*	*1.0*
2-Fluorophenol	*72*		*30 - 120*	*09/12/11 12:47*	*09/14/11 18:39*	*1.0*
Nitrobenzene-d5	*68*		*45 - 120*	*09/12/11 12:47*	*09/14/11 18:39*	*1.0*
Phenol-d6	*84*		*35 - 120*	*09/12/11 12:47*	*09/14/11 18:39*	*1.0*
Terphenyl-d14	*59*		*50 - 125*	*09/12/11 12:47*	*09/14/11 18:39*	*1.0*
2,4,6-Tribromophenol	*102*		*40 - 120*	*09/12/11 12:47*	*09/14/11 18:39*	*1.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Barium	**80**		20		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:58	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 12:58	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:31	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3C

Date Collected: 09/08/11 13:50
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-10

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3C
Date Collected: 09/08/11 13:50
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-10
Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 14:51	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:51*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:51*	*1.0*
Toluene-d8	*107*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:51*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 14:51	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 14:51	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:51*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:51*	*1.0*
Toluene-d8	*107*		*80 - 120*	*09/13/11 06:44*	*09/13/11 14:51*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Acenaphthylene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Aniline	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Anthracene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzo(a)anthracene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzo(a)pyrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzo(b)fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzoic acid	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzo(g,h,i)perylene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzo(k)fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Benzyl alcohol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4-Bromophenyl phenyl ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Butyl benzyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4-Chloro-3-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4-Chloroaniline	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Bis(2-chloroethoxy)methane	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Bis(2-chloroethyl)ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Bis(2-chloroisopropyl)ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3C

Date Collected: 09/08/11 13:50
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-10

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2-Chlorophenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4-Chlorophenyl phenyl ether	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Chrysene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Dibenz(a,h)anthracene	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Dibenzofuran	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Di-n-butyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1,2-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1,3-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1,4-Dichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
3,3'-Dichlorobenzidine	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,4-Dichlorophenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Diethyl phthalate	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,4-Dimethylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Dimethyl phthalate	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1,2-Diphenylhydrazine/Azobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4,6-Dinitro-2-methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,4-Dinitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,4-Dinitrotoluene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,6-Dinitrotoluene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Di-n-octyl phthalate	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Fluoranthene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Fluorene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Hexachlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Hexachlorobutadiene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Hexachlorocyclopentadiene	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Hexachloroethane	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Indeno(1,2,3-cd)pyrene	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Isophorone	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2-Methylnaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2-Methylphenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
3/4-Methylphenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Naphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
3-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4-Nitroaniline	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Nitrobenzene	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2-Nitrophenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4-Nitrophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
N-Nitrosodimethylamine	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
N-Nitrosodiphenylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
N-Nitroso-di-n-propylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Pentachlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Phenanthrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Phenol	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Pyrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Pyridine	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1,2,4-Trichlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,4,5-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,4,6-Trichlorophenol	ND		19		ug/l		09/12/11 12:47	09/14/11 19:00	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-3C

Date Collected: 09/08/11 13:50
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-10

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1-Chloronaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
4-Aminobiphenyl	ND		14		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,6-Dichlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Dimethylaminoazobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
7,12-Dimethylbenz[a]anthracene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
a,a-Dimethylphenethylamine	ND	C-2	110		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Ethyl methanesulfonate	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Dibenz[a,j]acridine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
3-Methylcholanthrene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Methyl methanesulfonate	ND		14		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1-Naphthylamine	ND	C-2a	14		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2-Naphthylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
N-Nitrosodi-n-butylamine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
N-Nitrosopiperidine	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Pentachloronitrobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Phenacetin	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2-Picoline	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
Pronamide	ND		14		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1,2,4,5-Tetrachlorobenzene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
2,3,4,6-Tetrachlorophenol	ND		14		ug/l		09/12/11 12:47	09/14/11 19:00	1.0
1-Methylnaphthalene	ND		9.5		ug/l		09/12/11 12:47	09/14/11 19:00	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*50 - 120*	*09/12/11 12:47*	*09/14/11 19:00*	*1.0*
2-Fluorophenol	*81*		*30 - 120*	*09/12/11 12:47*	*09/14/11 19:00*	*1.0*
Nitrobenzene-d5	*80*		*45 - 120*	*09/12/11 12:47*	*09/14/11 19:00*	*1.0*
Phenol-d6	*95*		*35 - 120*	*09/12/11 12:47*	*09/14/11 19:00*	*1.0*
Terphenyl-d14	*64*		*50 - 125*	*09/12/11 12:47*	*09/14/11 19:00*	*1.0*
2,4,6-Tribromophenol	*108*		*40 - 120*	*09/12/11 12:47*	*09/14/11 19:00*	*1.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Barium	**140**		20		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:00	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:00	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:33	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4A

Date Collected: 09/08/11 09:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-11

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4A

Date Collected: 09/08/11 09:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-11

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:20	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:20*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:20*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:20*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 15:20	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 15:20	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:20*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:20*	*1.0*
Toluene-d8	*105*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:20*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Acenaphthylene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Aniline	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzidine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzo(a)anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzo(a)pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzo(b)fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzoic acid	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzo(g,h,i)perylene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzo(k)fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Benzyl alcohol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4-Bromophenyl phenyl ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Butyl benzyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4-Chloro-3-methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4-Chloroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Bis(2-chloroethoxy)methane	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Bis(2-chloroethyl)ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Bis(2-chloroisopropyl)ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4A

Date Collected: 09/08/11 09:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-11

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2-Chlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4-Chlorophenyl phenyl ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Chrysene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Dibenz(a,h)anthracene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Dibenzofuran	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Di-n-butyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1,2-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1,3-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1,4-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
3,3'-Dichlorobenzidine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,4-Dichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Diethyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,4-Dimethylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Dimethyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1,2-Diphenylhydrazine/Azobenzene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4,6-Dinitro-2-methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,4-Dinitrophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,4-Dinitrotoluene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,6-Dinitrotoluene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Di-n-octyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Fluorene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Hexachlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Hexachlorobutadiene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Hexachlorocyclopentadiene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Hexachloroethane	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Indeno(1,2,3-cd)pyrene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Isophorone	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2-Methylnaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2-Methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
3/4-Methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Naphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
3-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Nitrobenzene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2-Nitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4-Nitrophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
N-Nitrosodimethylamine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
N-Nitrosodiphenylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
N-Nitroso-di-n-propylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Pentachlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Phenanthrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Phenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Pyridine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1,2,4-Trichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,4,5-Trichlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,4,6-Trichlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 18:41	4.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4A

Date Collected: 09/08/11 09:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-11

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1-Chloronaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
4-Aminobiphenyl	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,6-Dichlorophenol	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Dimethylaminoazobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
7,12-Dimethylbenz[a]anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
a,a-Dimethylphenethylamine	ND	RL2 C-2	460		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Ethyl methanesulfonate	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Dibenz[a,j]acridine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
3-Methylcholanthrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Methyl methanesulfonate	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1-Naphthylamine	ND	RL2 C-2a	57		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2-Naphthylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
N-Nitrosodi-n-butylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
N-Nitrosopiperidine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Pentachloronitrobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Phenacetin	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2-Picoline	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
Pronamide	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1,2,4,5-Tetrachlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
2,3,4,6-Tetrachlorophenol	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 18:41	4.0
1-Methylnaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 18:41	4.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*	*RL2*	*50 - 120*	*09/12/11 12:47*	*09/15/11 18:41*	*4.0*
2-Fluorophenol	*73*	*RL2*	*30 - 120*	*09/12/11 12:47*	*09/15/11 18:41*	*4.0*
Nitrobenzene-d5	*72*	*RL2*	*45 - 120*	*09/12/11 12:47*	*09/15/11 18:41*	*4.0*
Phenol-d6	*77*	*RL2*	*35 - 120*	*09/12/11 12:47*	*09/15/11 18:41*	*4.0*
Terphenyl-d14	*61*	*RL2*	*50 - 125*	*09/12/11 12:47*	*09/15/11 18:41*	*4.0*
2,4,6-Tribromophenol	*102*	*RL2*	*40 - 120*	*09/12/11 12:47*	*09/15/11 18:41*	*4.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Barium	**34**		20		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:03	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/19/11 11:39	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:03	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:36	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4B

Date Collected: 09/08/11 09:54
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-12

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4B

Date Collected: 09/08/11 09:54
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-12

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 15:48	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:48*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:48*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:48*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 15:48	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 15:48	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:48*	*1.0*
Dibromofluoromethane	*94*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:48*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 15:48*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Acenaphthylene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Aniline	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzidine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzo(a)anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzo(a)pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzo(b)fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzoic acid	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzo(g,h,i)perylene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzo(k)fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Benzyl alcohol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4-Bromophenyl phenyl ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Butyl benzyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4-Chloro-3-methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4-Chloroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Bis(2-chloroethoxy)methane	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Bis(2-chloroethyl)ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Bis(2-chloroisopropyl)ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4B
Date Collected: 09/08/11 09:54
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-12
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2-Chlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4-Chlorophenyl phenyl ether	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Chrysene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Dibenz(a,h)anthracene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Dibenzofuran	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Di-n-butyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1,2-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1,3-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1,4-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
3,3'-Dichlorobenzidine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,4-Dichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Diethyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,4-Dimethylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Dimethyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1,2-Diphenylhydrazine/Azobenzene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4,6-Dinitro-2-methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,4-Dinitrophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,4-Dinitrotoluene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,6-Dinitrotoluene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Di-n-octyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Fluorene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Hexachlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Hexachlorobutadiene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Hexachlorocyclopentadiene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Hexachloroethane	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Indeno(1,2,3-cd)pyrene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Isophorone	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2-Methylnaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2-Methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
3/4-Methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Naphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
3-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Nitrobenzene	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2-Nitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4-Nitrophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
N-Nitrosodimethylamine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
N-Nitrosodiphenylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
N-Nitroso-di-n-propylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Pentachlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Phenanthrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Phenol	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Pyridine	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1,2,4-Trichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,4,5-Trichlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,4,6-Trichlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/15/11 19:02	4.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4B

Date Collected: 09/08/11 09:54
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-12

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1-Chloronaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
4-Aminobiphenyl	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,6-Dichlorophenol	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Dimethylaminoazobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
7,12-Dimethylbenz[a]anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
a,a-Dimethylphenethylamine	ND	RL2 C-2	460		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Ethyl methanesulfonate	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Dibenz[a,j]acridine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
3-Methylcholanthrene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Methyl methanesulfonate	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1-Naphthylamine	ND	RL2 C-2a	57		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2-Naphthylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
N-Nitrosodi-n-butylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
N-Nitrosopiperidine	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Pentachloronitrobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Phenacetin	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2-Picoline	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
Pronamide	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1,2,4,5-Tetrachlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
2,3,4,6-Tetrachlorophenol	ND	RL2	57		ug/l		09/12/11 12:47	09/15/11 19:02	4.0
1-Methylnaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/15/11 19:02	4.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*	*RL2*	*50 - 120*	*09/12/11 12:47*	*09/15/11 19:02*	*4.0*
2-Fluorophenol	*70*	*RL2*	*30 - 120*	*09/12/11 12:47*	*09/15/11 19:02*	*4.0*
Nitrobenzene-d5	*69*	*RL2*	*45 - 120*	*09/12/11 12:47*	*09/15/11 19:02*	*4.0*
Phenol-d6	*78*	*RL2*	*35 - 120*	*09/12/11 12:47*	*09/15/11 19:02*	*4.0*
Terphenyl-d14	*59*	*RL2*	*50 - 125*	*09/12/11 12:47*	*09/15/11 19:02*	*4.0*
2,4,6-Tribromophenol	*97*	*RL2*	*40 - 120*	*09/12/11 12:47*	*09/15/11 19:02*	*4.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Barium	28		20		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:06	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:06	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:38	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4C

Date Collected: 09/08/11 10:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-13

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4C

Date Collected: 09/08/11 10:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-13

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:17	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:17*	*1.0*
Dibromofluoromethane	*96*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:17*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:17*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 16:17	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 16:17	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:17*	*1.0*
Dibromofluoromethane	*96*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:17*	*1.0*
Toluene-d8	*106*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:17*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Acenaphthylene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Aniline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzidine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzo(a)anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzo(a)pyrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzo(b)fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzoic acid	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzo(g,h,i)perylene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzo(k)fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Benzyl alcohol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4-Bromophenyl phenyl ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Butyl benzyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4-Chloro-3-methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4-Chloroaniline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Bis(2-chloroethoxy)methane	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Bis(2-chloroethyl)ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Bis(2-chloroisopropyl)ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4C

Date Collected: 09/08/11 10:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-13

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2-Chlorophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4-Chlorophenyl phenyl ether	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Chrysene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Dibenz(a,h)anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Dibenzofuran	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Di-n-butyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1,2-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1,3-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1,4-Dichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
3,3'-Dichlorobenzidine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,4-Dichlorophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Diethyl phthalate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,4-Dimethylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Dimethyl phthalate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1,2-Diphenylhydrazine/Azobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4,6-Dinitro-2-methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,4-Dinitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,4-Dinitrotoluene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,6-Dinitrotoluene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Di-n-octyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Fluoranthene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Fluorene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Hexachlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Hexachlorobutadiene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Hexachlorocyclopentadiene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Hexachloroethane	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Indeno(1,2,3-cd)pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Isophorone	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2-Methylnaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2-Methylphenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
3/4-Methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Naphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
3-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4-Nitroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Nitrobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2-Nitrophenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4-Nitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
N-Nitrosodimethylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
N-Nitrosodiphenylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
N-Nitroso-di-n-propylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Pentachlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Phenanthrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Phenol	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Pyrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Pyridine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1,2,4-Trichlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,4,5-Trichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,4,6-Trichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:03	2.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-4C

Date Collected: 09/08/11 10:30
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-13

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1-Chloronaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
4-Aminobiphenyl	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,6-Dichlorophenol	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Dimethylaminoazobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
7,12-Dimethylbenz[a]anthracene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
a,a-Dimethylphenethylamine	ND	RL2 C-2	230		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Ethyl methanesulfonate	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Dibenz[a,j]acridine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
3-Methylcholanthrene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Methyl methanesulfonate	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1-Naphthylamine	ND	RL2 C-2a	29		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2-Naphthylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
N-Nitrosodi-n-butylamine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
N-Nitrosopiperidine	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Pentachloronitrobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Phenacetin	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2-Picoline	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
Pronamide	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1,2,4,5-Tetrachlorobenzene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
2,3,4,6-Tetrachlorophenol	ND	RL2	29		ug/l		09/12/11 12:47	09/14/11 20:03	2.0
1-Methylnaphthalene	ND	RL2	19		ug/l		09/12/11 12:47	09/14/11 20:03	2.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*	*RL2*	*50 - 120*	*09/12/11 12:47*	*09/14/11 20:03*	*2.0*
2-Fluorophenol	*68*	*RL2*	*30 - 120*	*09/12/11 12:47*	*09/14/11 20:03*	*2.0*
Nitrobenzene-d5	*71*	*RL2*	*45 - 120*	*09/12/11 12:47*	*09/14/11 20:03*	*2.0*
Phenol-d6	*86*	*RL2*	*35 - 120*	*09/12/11 12:47*	*09/14/11 20:03*	*2.0*
Terphenyl-d14	*53*	*RL2*	*50 - 125*	*09/12/11 12:47*	*09/14/11 20:03*	*2.0*
2,4,6-Tribromophenol	*101*	*RL2*	*40 - 120*	*09/12/11 12:47*	*09/14/11 20:03*	*2.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Barium	**28**		20		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Selenium	**23**		20		ug/l		09/13/11 13:11	09/16/11 13:08	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:08	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:40	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-5B

Date Collected: 09/08/11 11:00
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-14

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Benzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Bromobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Bromochloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Bromodichloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Bromoform	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Bromomethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
2-Butanone (MEK)	ND		10		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
n-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
sec-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
tert-Butylbenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Carbon tetrachloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Chlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Chloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Chloroform	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Chloromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
2-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
4-Chlorotoluene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2-Dibromo-3-chloropropane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Dibromochloromethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2-Dibromoethane (EDB)	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Dibromomethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,3-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,4-Dichlorobenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Dichlorodifluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,1-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2-Dichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,1-Dichloroethene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
cis-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
trans-1,2-Dichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,3-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
2,2-Dichloropropane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
cis-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
trans-1,3-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,1-Dichloropropene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Ethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Hexachlorobutadiene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
2-Hexanone	ND		10		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Isopropylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
p-Isopropyltoluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
4-Methyl-2-pentanone (MIBK)	ND		10		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Methylene chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Naphthalene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
n-Propylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Styrene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,1,1,2-Tetrachloroethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,1,2,2-Tetrachloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Tetrachloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-5B

Date Collected: 09/08/11 11:00
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-14

Matrix: Water - NonPotable

Method: EPA 8260B - VOLATILE ORGANICS with MTBE by GC/MS (EPA 5030B/8260B) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2,3-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2,4-Trichlorobenzene	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,1,1-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,1,2-Trichloroethane	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Trichloroethene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Trichlorofluoromethane	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2,3-Trichloropropane	ND		10		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,2,4-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
1,3,5-Trimethylbenzene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Vinyl chloride	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
m,p-Xylenes	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
o-Xylene	ND		2.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/l		09/13/11 06:44	09/13/11 16:45	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:45*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:45*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:45*	*1.0*

Method: EPA 8260B - VOLATILE ORGANICS--GC/MS (EPA 5030B/8260B)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 16:45	1.0
Acrylonitrile	ND	P9	50		ug/l		09/13/11 06:44	09/13/11 16:45	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:45*	*1.0*
Dibromofluoromethane	*95*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:45*	*1.0*
Toluene-d8	*104*		*80 - 120*	*09/13/11 06:44*	*09/13/11 16:45*	*1.0*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Acenaphthylene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Aniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzidine	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzo(a)anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzo(a)pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzo(b)fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzoic acid	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzo(g,h,i)perylene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzo(k)fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Benzyl alcohol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4-Bromophenyl phenyl ether	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Butyl benzyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4-Chloro-3-methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4-Chloroaniline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Bis(2-chloroethoxy)methane	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Bis(2-chloroethyl)ether	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Bis(2-chloroisopropyl)ether	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-5B
Date Collected: 09/08/11 11:00
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-14
Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2-Chlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4-Chlorophenyl phenyl ether	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Chrysene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Dibenz(a,h)anthracene	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Dibenzofuran	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Di-n-butyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1,2-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1,3-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1,4-Dichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
3,3'-Dichlorobenzidine	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,4-Dichlorophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Diethyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,4-Dimethylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Dimethyl phthalate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1,2-Diphenylhydrazine/Azobenzene	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4,6-Dinitro-2-methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,4-Dinitrophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,4-Dinitrotoluene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,6-Dinitrotoluene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Di-n-octyl phthalate	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Fluoranthene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Fluorene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Hexachlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Hexachlorobutadiene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Hexachlorocyclopentadiene	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Hexachloroethane	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Indeno(1,2,3-cd)pyrene	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Isophorone	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2-Methylnaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2-Methylphenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
3/4-Methylphenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Naphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
3-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4-Nitroaniline	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Nitrobenzene	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2-Nitrophenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4-Nitrophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
N-Nitrosodimethylamine	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
N-Nitrosodiphenylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
N-Nitroso-di-n-propylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Pentachlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Phenanthrene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Phenol	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Pyrene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Pyridine	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1,2,4-Trichlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,4,5-Trichlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,4,6-Trichlorophenol	ND	RL2	76		ug/l		09/12/11 12:47	09/14/11 20:24	4.0

Client Sample Results

Client: Tesoro Hawaii Corp. Refinery
Project/Site: Pond Closure GW Sampling, 26537533.00200

TestAmerica Job ID: HUI0021

Client Sample ID: CW-5B

Date Collected: 09/08/11 11:00
Date Received: 09/08/11 14:50

Lab Sample ID: HUI0021-14

Matrix: Water - NonPotable

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1-Chloronaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
4-Aminobiphenyl	ND	RL2	57		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,6-Dichlorophenol	ND	RL2	57		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Dimethylaminoazobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
7,12-Dimethylbenz[a]anthracene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
a,a-Dimethylphenethylamine	ND	RL2 C-2	460		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Ethyl methanesulfonate	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Dibenz[a,j]acridine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
3-Methylcholanthrene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Methyl methanesulfonate	ND	RL2	57		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1-Naphthylamine	ND	RL2 C-2a	57		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2-Naphthylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
N-Nitrosodi-n-butylamine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
N-Nitrosopiperidine	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Pentachloronitrobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Phenacetin	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2-Picoline	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
Pronamide	ND	RL2	57		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1,2,4,5-Tetrachlorobenzene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
2,3,4,6-Tetrachlorophenol	ND	RL2	57		ug/l		09/12/11 12:47	09/14/11 20:24	4.0
1-Methylnaphthalene	ND	RL2	38		ug/l		09/12/11 12:47	09/14/11 20:24	4.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*	*RL2*	*50 - 120*	*09/12/11 12:47*	*09/14/11 20:24*	*4.0*
2-Fluorophenol	*68*	*RL2*	*30 - 120*	*09/12/11 12:47*	*09/14/11 20:24*	*4.0*
Nitrobenzene-d5	*66*	*RL2*	*45 - 120*	*09/12/11 12:47*	*09/14/11 20:24*	*4.0*
Phenol-d6	*79*	*RL2*	*35 - 120*	*09/12/11 12:47*	*09/14/11 20:24*	*4.0*
Terphenyl-d14	*72*	*RL2*	*50 - 125*	*09/12/11 12:47*	*09/14/11 20:24*	*4.0*
2,4,6-Tribromophenol	*98*	*RL2*	*40 - 120*	*09/12/11 12:47*	*09/14/11 20:24*	*4.0*

Method: EPA 6010B - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Arsenic	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Barium	29		20		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Beryllium	ND	RL1	8.0		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Cadmium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Chromium	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Cobalt	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Lead	ND	RL1	10		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Nickel	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Selenium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:11	2.0
Vanadium	ND	RL1	20		ug/l		09/13/11 13:11	09/16/11 13:11	2.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/l		09/12/11 12:27	09/13/11 16:43	1.0

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LABORATORY USE ONLY
LAB JOB NO. HU10021
LOCATION
CONTAINERS

Chain of Custody / Analysis Request Form

Walt Albertson
Tesoro
Tesoro Refinery
Kapolei State **HI** **96707**
Phone **(808) 479-0521** Fax
Sampler **LM** # samples in shipment 14

Project identification: **Pond Closure GW Sampling**
26537533.00200

STANDARD TAT

Indicate analyses requested

Item no.	Client sample ID	COMP	GRAB	Matrix: Water	Soil	Wastewater	Drinking water	Sludge	Liquid	Solid	Oil	Other	Preservation method	Sampling: Date	Time	No. of containers	VOC (8620)	SVOC	Metals **							Laboratory ID no.
1	Trip Blank			x									HCL	9/8/11	0700	2	X									HU10021-01
2	CW-1A		X	x									See Bottle		0755	5	X	X	X							-02
3	CW-1B		X	x											0820	5	X	X	X							-03
4	CW-1C		X	x											0845	5	X	X	X							-04
5	CW-2A		X	x											1115	5	X	X	X							-05
6	CW-2B		X	x											1145	5	X	X	X							-06
7	CW-2C		X	x											1207	5	X	X	X							-07
8	CW-3A		X	x											1253	5	X	X	X							-08
9	CW-3B		X	x											1328	5	X	X	X							-09
10	CW-3C		X	x											1350	5	X	X	X							-10

Released by (print / sign)	Date / time released	Delivery method	Received by (print / sign)	Company / Agency affiliation	Date / time received	Condition noted
[illegible]	9/8/11 1450	Hand	[illegible]	TA Hon	9/8/11 1450	[illegible] 22
	/				/	Wet
	/				/	

Comments: ** - Metals not field filtered.

Bill directly using Tesoro rates.

Please check one:
☒ Dispose by lab
☐ Return to client
☐ Archive

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COC REV 04/2008 Distribution: White - TestAmerica Yellow - TestAmerica Pink - Client

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LABORATORY USE ONLY
LAB JOB NO. HUI 0021
LOCATION
CONTAINERS

Chain of Custody / Analysis Request Form

Walt Albertson	Project identification
Tesoro	**Pond Closure GW Sampling**
Tesoro Refinery	**26537533**
Kapolei State **HI** **96707**	
Phone **(808) 682-** Fax	
Sampler **LM** # samples in shipment	STANDARD TAT

Indicate analyses requested

Item no.	Client sample ID	COMP	GRAB	Matrix: Water	Soil	Wastewater	Drinking water	Sludge	Liquid	Solid	Oil	Other	Preservation method	Sampling: Date	Time	No. of containers	VOC (8620)	SVOC	Metals **							Laboratory ID no.
1	~~Trip Blank~~			x									HCl	9/8/11	0700	2	X									HUI 0021
2	CW-4A		X	x									See Bottle	9/8/11	0930	5	X	X	X							-11
3	CW-4B		X	x											0954	5	X	X	X							-12
4	CW-4C		X	x											1030	5	X	X	X							-13
5	CW-5B		X	x											1100	5	X	X	X							-14
6																										
7																										
8																										
9																										
10																										

Released by (print / sign)	Date / time released	Delivery method	Received by (print / sign)	Company / Agency affiliation	Date / time received	Condition noted
[illegible]	9/8/11 / 1450	Hand	[illegible]	TA Hon	9/8/11 / 1450	[illegible] 22
	/				/	wet
	/				/	

Comments: ** - Metals not field filtered.

Bill directly using Tesoro rates.

Please check one:
☒ Dispose by lab
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COC REV 04/2008 Distribution: White - TestAmerica Yellow - TestAmerica Pink - Client

TestAmerica

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: Tesoro Date/ Time Received: 9/8/11 1450

Received By: n

Matrices: AQ Carrier: UPS Airbill# :

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Chain of Custody present?	Yes ☑	No ☐	☐	
Chain of Custody Signed when relinquished and received?	Yes ☑	No ☐		
Chain of Custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sample containers on ice?	Yes ☑	No ☐	Type:	Wet
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA Vials have Zero Headspace?	~~Yes ☑~~	No ☑	No VOA vials present:	☐
Water - pH acceptable upon receipt?	9/8/11 Yes ☐	No ☐	Not Checked:	☑
pH Adjusted?	Yes ☐	No ☑	Final pH:	
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☑	Location:	
Sample Filtration Needed?	Yes ☐	No ☑	Filtered in Field:	☐
Dry Weight Corrected Results?	Yes ☐	No ☑	Take Action:	☐
DODQSM / QAPP Project?	Yes ☐	No ☑	Type:	

Temperature Blank Present? Yes ☐ No ☑

Sample Container Temperature: 2 °C

Comments/ Sampling Handling Notes:

Some VOAs have slight headspace. JL 9/8/11.