



GETTLER-RYAN INC.

TRANSMITTAL

March 18, 2003

G-R #180255

TO: Mr. David B. De Witt
ConocoPhillips
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

CC: Mr. David Vossler
Gettler-Ryan Inc.
Petaluma, California

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

Alameda County
APR 04 2003
Environmental Health

Tosco (76) Service Station
#4625
3070 Fruitvale Avenue
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 17, 2003	Groundwater Monitoring and Sampling Report First Quarter - Event of February 14, 2003

COMMENTS:

This report is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by *April 1, 2003*, this report will be distributed to the following:

cc: Mr. Don Hwang, Alameda County Health Care Services, 1131 Harbor Bay Parkway, Alameda, California 94502

Enclosure

trans/4625-DBD



GETTLER-RYAN INC.

March 17, 2003
G-R Job #180255

Mr. David B. De Witt
ConocoPhillips
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

RE: First Quarter Event of February 14, 2003
Groundwater Monitoring & Sampling Report
Tosco (76) Service Station #4625
3070 Fruitvale Avenue
Oakland, California

Dear Mr. De Witt:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the wells. Static water level data and groundwater elevations are summarized in Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist No. 7285

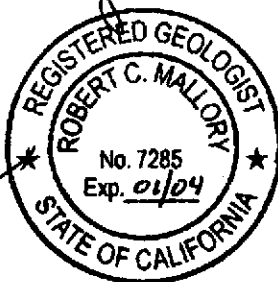
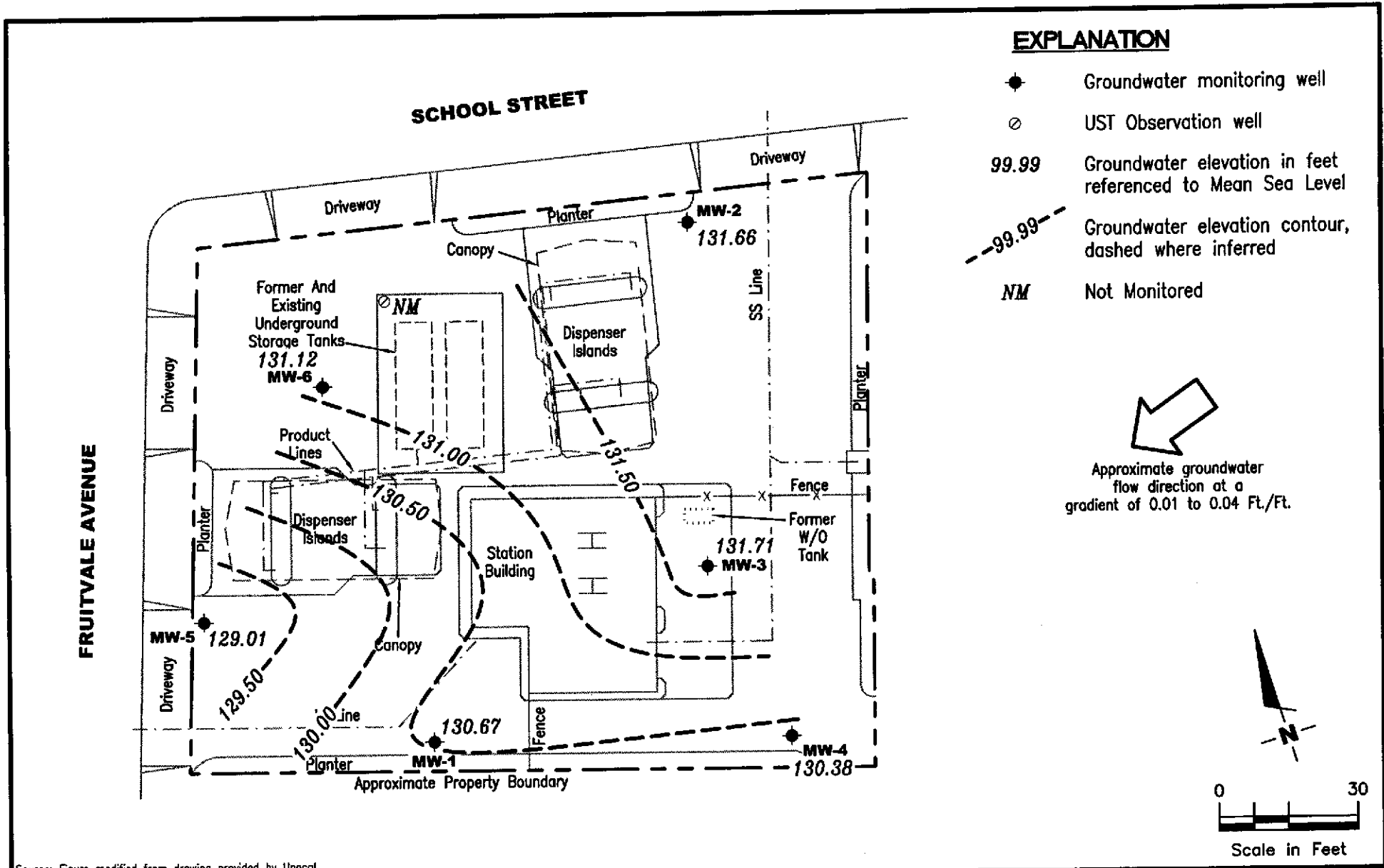


Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets

Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by Unocal.

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POTENTIOMETRIC MAP
 Tosco (76) Service Station #4625
 3070 Fruitvale Avenue
 Oakland, California

FIGURE

1

PROJECT NUMBER
 180255

REVIEWED BY

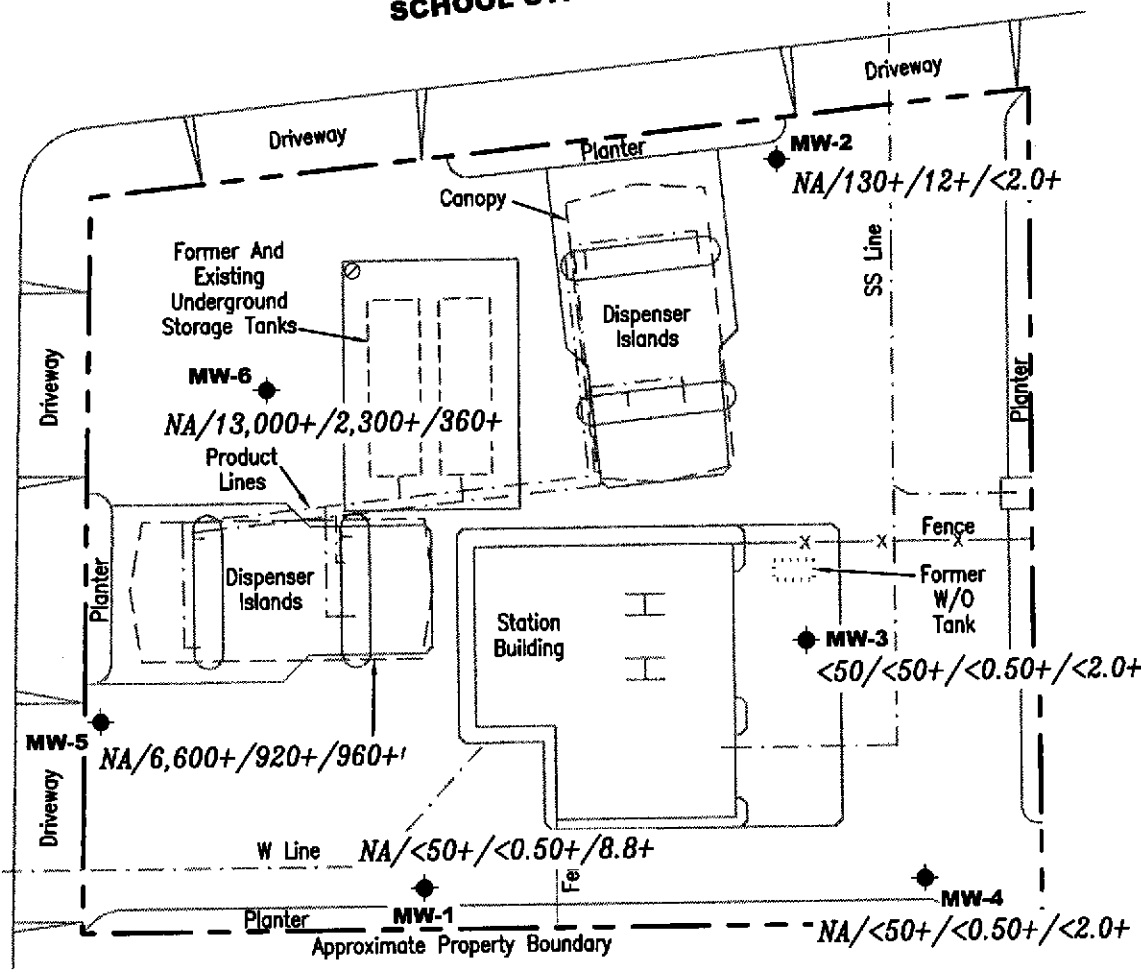
DATE
 February 14, 2003

REVISED DATE

FILE NAME: P:\ENVIRO\TOSCO\4625\003-4625.DWG | Layout Tab: Pot1

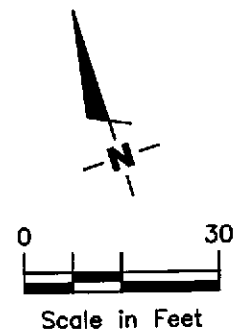
SCHOOL STREET

FRUITVALE AVENUE



EXPLANATION

- ◆ Groundwater monitoring well
- UST Observation well
- A/B/C/D Total Petroleum Hydrocarbons (TPH) as Diesel/TPH as Gasoline/Benzene/MTBE concentrations in ppb
- + Analysis by EPA Method 8260
- NA Not Analyzed



Source: Figure modified from drawing provided by Unocal.

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CONCENTRATION MAP
 Tosco (76) Service Station #4625
 3070 Fruitvale Avenue
 Oakland, California

FIGURE
2

PROJECT NUMBER
 180255

REVIEWED BY

DATE
 February 14, 2003

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (76) Service Station #4625
 3070 Fruitvale Avenue
 Oakland, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (mst)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1											
136.36	05/03/00	11.81	5.0-25.0	124.55	--	ND	ND	ND	ND	ND	11/14 ²
	07/28/00	7.79		128.57	--	ND	ND	ND	ND	ND	21/19 ²
	10/29/00	7.90		128.46	--	62 ¹	ND	ND	ND	ND	6.5/3.9 ²
	02/09/01	7.95		128.41	--	ND	ND	ND	ND	ND	9.0/9.0 ²
	05/11/01	7.22		129.14	--	ND	ND	ND	ND	ND	12.7/16.3 ²
	08/10/01	8.47		127.89	--	<50	<0.50	<0.50	<0.50	<0.50	17/19 ⁷
	11/07/01	8.10		128.26	--	<50	<0.50	<0.50	<0.50	<0.50	22/26 ²
	02/06/02	6.84		129.52	--	<50	<0.50	<0.50	<0.50	<0.50	14/18 ²
	05/08/02	7.29		129.07	--	<50	<0.50	<0.50	<0.50	<0.50	20/19 ²
	08/09/02 ⁹	8.20		128.16	--	57 ⁸	<0.50	<0.50	<0.50	<1.0	22
	11/26/02 ⁹	7.78		128.58	--	<50	<0.50	<0.50	<0.50	<1.0	23
137.57	02/14/03 ⁹	6.90		130.67	--	<50	<0.50	<0.50	<0.50	<1.0	8.8
MW-2											
138.64	05/03/00	8.59	5.0-25.0	130.05	--	2,400 ¹	53	ND ³	ND ³	240	³ ND/ND ²
	07/28/00	9.95		128.69	--	2,200 ¹	680	4.1	57	270	24/ND ²
	10/29/00	8.38		130.26	--	490 ¹	67	ND ³	23	22	ND ³
	02/09/01	8.41		130.23	--	ND	3.1	ND	0.52	1.1	ND
	05/11/01	8.93		129.71	--	ND	1.99	ND	ND	ND	ND
	08/10/01	10.68		127.96	--	96 ¹	20	<0.50	2.1	9.4	<5.0
	11/07/01	10.01		128.63	--	480 ¹	110	<1.0	26	42	<10
	02/06/02	8.10		130.54	--	69 ¹	13	<0.50	0.84	4.4	<5.0
	05/08/02	9.16		129.48	--	53 ¹	13	<0.50	1.2	1.5	<5.0
	08/09/02 ⁹	10.39		128.25	--	140	20	<0.50	10	11	<2.0
	11/26/02 ⁹	9.81		128.83	--	340	87	<0.50	33	23	<2.0
139.85	02/14/03 ⁹	8.19		131.66	--	130	12	<0.50	7.4	5.4	<2.0

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Tosco (76) Service Station #4625
3070 Fruitvale Avenue
Oakland, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3											
137.68	05/03/00	7.60	5.0-25.0	130.08	93 ⁵	ND	ND	ND	ND	ND	ND/ND ⁴
	07/28/00	8.82		128.86	ND ³	ND	ND	ND	ND	ND	ND/ND ⁴
	10/29/00	7.33		130.35	ND	ND	ND	ND	ND	ND	ND
	02/09/01	7.40		130.28	72 ⁶	ND	ND	ND	ND	ND	ND
	05/11/01	7.90		129.78	ND	ND	ND	ND	ND	ND	ND
	08/10/01	9.09		128.59	63 ^R	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	11/07/01	9.03		128.65	88 ^R	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	02/06/02	7.16		130.52	<310	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	05/08/02	8.04		129.64	<53	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	08/09/02 ⁹	9.27		128.41	<50	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	11/26/02 ⁹	8.79		128.89	<50	<50	<0.50	<0.50	<0.50	<1.0	<2.0
138.89	02/14/03 ⁹	7.18		131.71	<50	<50	<0.50	<0.50	<0.50	<1.0	<2.0
MW-4											
136.60	05/03/00	6.48	5.0-25.0	130.12	--	ND	ND	ND	ND	ND	ND/ND ²
	07/28/00	7.55		129.05	--	ND	ND	ND	ND	ND	ND
	10/29/00	6.12		130.48	--	ND	ND	ND	ND	ND	ND
	02/09/01	6.14		130.46	--	ND	ND	ND	ND	ND	ND
	05/11/01	7.51		129.09	--	ND	ND	ND	ND	ND	ND
	08/10/01	8.66		127.94	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	11/07/01	7.92		128.68	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	02/06/02	7.18		129.42	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	05/08/02	6.86		129.74	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	08/09/02 ⁹	7.67		128.93	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	11/26/02 ⁹	8.08		128.52	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0
137.81	02/14/03 ⁹	7.43		130.38	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0
MW-5											
	11/26/02 ^{9,10}	9.89	5.0-25.0	--	--	2,500	350	39	32	640	470
137.66	02/14/03 ⁹	8.65		129.01	--	6,600	920	210	430	1,300	960

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Groundwater Monitoring Data and Analytical Results
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 Oakland, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (mst)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	11/26/02 ^{9,10}	9.19	5.0-25.0	--	--	11,000	1,200	2,000	400	2,300	490
138.88	02/14/03 ⁹	7.76		131.12	--	13,000	2,300	1,900	560	2,300	360
UST OBSERVATION WELL											
	05/03/00	8.00	--	--	--	--	--	--	--	--	--
	07/28/00	9.28		--	--	--	--	--	--	--	--
	10/29/00	7.75		--	--	--	--	--	--	--	--
	02/09/01	6.14		--	--	--	--	--	--	--	--
	05/11/01	7.96		--	--	--	--	--	--	--	--
	08/10/01	9.54		--	--	--	--	--	--	--	--
	11/07/01	9.33		--	--	--	--	--	--	--	--
	02/06/02	8.08		--	--	--	--	--	--	--	--
	05/08/02	8.51		--	--	--	--	--	--	--	--
	08/09/02	9.56		--	--	--	--	--	--	--	--
	11/26/02	9.16		--	--	--	--	--	--	--	--
	02/14/03	-- ¹¹		--	--	--	--	--	--	--	--
Trip Blank											
TB-LB	05/03/00	--	--	--	--	ND	ND	ND	ND	ND	ND
	07/28/00	--		--	--	ND	ND	ND	ND	ND	ND
	10/29/00	--		--	--	ND	ND	ND	ND	ND	ND
	02/09/01	--		--	--	ND	ND	ND	ND	ND	ND
	05/11/01	--		--	--	ND	ND	ND	ND	ND	ND
	08/10/01	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	11/07/01	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	02/06/02	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	05/08/02	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (76) Service Station #4625
 3070 Fruitvale Avenue
 Oakland, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
QA	08/09/02 ⁹	--		--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	11/26/02 ⁹	--		--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	02/14/03 ⁹	--		--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (76) Service Station #4625
 3070 Fruitvale Avenue
 Oakland, California

EXPLANATIONS:

TOC = Top of Casing (ft.) = Feet	TPH-D = Total Petroleum Hydrocarbons as Diesel	(ppb) = Parts per billion
DTW = Depth to Water	TPH-G = Total Petroleum Hydrocarbons as Gasoline	ND = Not Detected
S.I. = Screen Interval	B = Benzene	-- = Not Measured/Not Analyzed
(ft.bgs) = Feet Below Ground Surface	T = Toluene	QA = Quality Assurance/Trip Blank
GWE = Groundwater Elevation	E = Ethylbenzene	
(msl) = Mean sea level	X = Xylenes	
	MTBE = Methyl tertiary butyl ether	

* TOC elevations were resurveyed on January 6, 2003, by Virgil Chavez Land Surveying. The benchmark for this survey was a City of Oakland Benchmark, being a disk monument at approximate centerline of easterly southwest of Fruitvale and Montana Streets, (Benchmark Elevation = 157.127 feet NGVD 29).
 TOC elevations were surveyed based on a cut square on School Street, City of Oakland Benchmark No. 3783, (Elevation = 136.99 feet, msl).

- ¹ Laboratory report indicates gasoline C6-C12.
- ² MTBE by EPA Method 8260.
- ³ Detection limit raised. Refer to analytical reports.
- ⁴ MTBE by EPA Method 8240.
- ⁵ Laboratory report indicates unidentified hydrocarbons C9-C24.
- ⁶ Laboratory report indicates discrete peaks.
- ⁷ MTBE by EPA Method 8260 was analyzed beyond the EPA recommended holding time.
- ⁸ Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
- ⁹ TPH-G, BTEX and MTBE by EPA Method 8260.
- ¹⁰ Well development performed.
- ¹¹ Field technician inadvertently missed well.

Table 2
Groundwater Analytical Results
 Tosco (76) Service Station #4625
 3070 Fruitvale Avenue
 Oakland, California

WELL ID	DATE	VOCs by EPA 8240 (ppb)	VOCs by EPA 8021 (ppb)	VOCs by EPA 8260 (ppb)	SVOCs by EPA 8270 (ppb)	Chromium (ppm)	TOG (ppm)
MW-3							
	05/03/00	ND	--	--	ND	ND	ND
	07/28/00	ND ¹	--	--	ND	1.8	ND
	10/29/00	ND	--	--	ND	ND	7.0
	02/09/01	ND	--	--	ND	0.038	ND
	05/11/01	ND	--	--	ND	ND	ND
	08/10/01	<2.0-<20	<0.50-<5.0	--	<5.0-<50	<0.010	<5.0
	11/07/01	<2.0-<20	<0.50-<5.0 ²	--	<5.0-<50	<0.010	<5.0
	02/06/02	<2.0-<20	<0.50-<5.0	--	<5.0-<50	0.11	<5.0
	05/08/02	<2.0-<20	--	<0.50 ³	<5.2-<100	0.037	<5.2
	08/09/02	--	--	<0.50-<50	<2.0-<10	0.70	<1.0
	11/26/02	--	--	<0.50-<50	<2.0-<10	0.34	<1.0
	02/14/03	--	--	<0.50-<50	<2.0-<10	0.074	<1.0

EXPLANATIONS:

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TOG = Total Oil and Grease

(ppb) = Parts per billion

(ppm) = Parts per million

ND = Not Detected

-- = Not Analyzed

¹ All VOCs by EPA Method 8240 were ND, except for Tetrachloroethene (PCE) was detected at 2.7 ppb.

² All VOCs by EPA Method 8021 were less than the reporting limit, except for Trichloroethane (TCE) was detected at 0.55 ppb.

³ All VOCs by EPA Method 8260 were less than the reporting limit, except for cis-1,2-Dichloroethene (c-1,2-DCE) was detected at 0.69 ppb, PCE at 0.56 ppb, and TCE at 0.86 ppb.

ANALYTICAL METHODS:

EPA 200 Series Methods for Chromium

EPA Method SM5520 for Total Oil and Grease

NOTE: All EPA Method 8240, 8021, 8260, and 8270 constituents were ND, unless noted.

Table 3
Groundwater Analytical Results - Oxygenate Compounds
Tosco (76) Service Station #4625
3070 Fruitvale Avenue
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-1	02/09/01	ND	ND	9.0	ND	ND	ND	ND	ND
	05/11/01	ND	ND	16.3	ND	ND	ND	ND	ND
	08/10/01 ¹	<1,000	<100	19	<2.0	<2.0	<2.0	<2.0	<2.0
	11/07/01	<500	<20	26	<1.0	<1.0	<1.0	<1.0	<1.0
	02/06/02	<500	<100	18	<2.0	<2.0	<2.0	<2.0	<2.0
	05/08/02	<500	<100	19	<2.0	<2.0	<2.0	<2.0	<2.0
	08/09/02	<500	<100	22	<2.0	<2.0	<2.0	<2.0	<2.0
	11/26/02	<500	<100	23	<2.0	<2.0	<2.0	<2.0	<2.0
	02/14/03	<500	<100	8.8	<2.0	<2.0	<2.0	<2.0	<2.0
MW-2	11/26/02	--	--	<2.0	--	--	--	--	--
	02/14/03	--	--	<2.0	--	--	--	--	--
MW-3	07/28/00	--	ND	ND	ND	ND	ND	ND	ND
	11/26/02	--	--	<2.0	--	--	--	--	--
	02/14/03	--	--	<2.0	--	--	--	--	--
MW-4	11/26/02	--	--	<2.0	--	--	--	--	--
	02/14/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-5	11/26/02	<5,000	<1,000	470	<20	<20	<20	<20	<20
	02/14/03	<5,000	<1,000	960	<20	<20	<20	<20	<20
MW-6	11/26/02	<10,000	<2,000	490	<40	<40	<40	<40	<40
	02/14/03	<10,000	<2,000	360	<40	<40	<40	<40	<40

Table 3
Groundwater Analytical Results - Oxygenate Compounds
Tosco (76) Service Station #4625
3070 Fruitvale Avenue
Oakland, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide/1,2-Dibromoethane
(ppb) = Parts per billion
-- = Not Analyzed
ND = Not Detected

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

¹ Laboratory report indicates sample was analyzed beyond the EPA recommended holding time.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, temperature, pH and electrical conductivity are measured. If purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. The measurements are taken a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set and is labeled as QA. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Phillips 66 Company, the purge water and decontamination water generated during sampling activities is transported to Phillips 66 - San Francisco Refinery, located in Rodeo, California.



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#4625
 Site Address: 3070 Fruitvale Avenue
 City: Oakland, CA

Job Number: 180255
 Event Date: 2-14-03 (inclusive)
 Sampler: Sim Herron

Well ID: MW-1
 Well Diameter: 2 in.
 Total Depth: 25.10 ft.
 Depth to Water: 6.90 ft.
18.20 xVF .17 = 3.09

Date Monitored: 2-14-03 Well Condition: OK

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

x3 (case volume) = Estimated Purge Volume: 9.28 gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump X
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description:
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1755 Weather Conditions: Over cast
 Sample Time/Date: 1820 / 2-14-03 Water Color: Clear Odor: Yes
 Purging Flow Rate: 2.5 gpm. Sediment Description: None
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (E/F)	D.O. (mg/L)	ORP (mV)
<u>1757</u>	<u>3</u>	<u>6.97</u>	<u>937</u>	<u>15.9</u>	_____	_____
<u>1759</u>	<u>6</u>	<u>7.08</u>	<u>922</u>	<u>16.2</u>	_____	_____
<u>1802</u>	<u>9</u>	<u>6.98</u>	<u>920</u>	<u>16.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)/ 8-Oxys(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#4625
 Site Address: 3070 Fruitvale Avenue
 City: Oakland, CA

Job Number: 180255
 Event Date: 2-14-03 (inclusive)
 Sampler: Jim Herron

Well ID: MW-2 Date Monitored: 2-14-03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 20.30 ft. / 25.37
 Depth to Water: 8.19 ft.
12.11 xVF .17 = 2.05 x3 (case volume) = Estimated Purge Volume: 6.17 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer X
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft.
 Depth to Water: _____ ft.
 Hydrocarbon Thickness: _____ ft.
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1300 Weather Conditions: over cast
 Sample Time/Date: 1500 12-14-03 Water Color: Brown Odor: no
 Purging Flow Rate: - gpm. Sediment Description: Heavy
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1418</u>	<u>2</u>	<u>7.31</u>	<u>400</u>	<u>19.3</u>	_____	_____
<u>1422</u>	<u>4</u>	<u>6.88</u>	<u>386</u>	<u>19.2</u>	_____	_____
<u>1426</u>	<u>6</u>	<u>6.72</u>	<u>377</u>	<u>19.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)/ 8-Oxys(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: Spent 45 min with 2" SS Bailer - old TWD 20.30
New TWD 25.37

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#4625 Job Number: 180255
 Site Address: 3070 Fruitvale Avenue Event Date: 2-14-03 (inclusive)
 City: Oakland, CA Sampler: Jim Herrod

Well ID: MW-3 Date Monitored: 2-14-03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 24.70 ft.
 Depth to Water: 7.14 ft.
17.52 xVF .17 = 2.97 x3 (case volume) = Estimated Purge Volume: 8.93 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump X
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1600 Weather Conditions: Overcast
 Sample Time/Date: 1620 2-14-03 Water Color: Light Brown Odor: NO
 Purging Flow Rate: 2 gpm. Sediment Description: Light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1603</u>	<u>3</u>	<u>6.86</u>	<u>370</u>	<u>17.5</u>	_____	_____
<u>1606</u>	<u>6</u>	<u>6.67</u>	<u>349</u>	<u>18.3</u>	_____	_____
<u>1609</u>	<u>9</u>	<u>6.59</u>	<u>357</u>	<u>17.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE(8260) ✓
	1 x 500ml Amber	YES	NP	STL Pleasanton	TPH-D ✓
	1 x 1 Liter Amber	YES	HCL	STL Pleasanton	TOG(Total Oil & Grease) ✓
	3 x voa vial	YES	HCL	STL Pleasanton	VOC'S(8240) ✓
	2 x 1 Liter Amber	YES	NP	STL Pleasanton	SVOC'S(8270) ✓
	1 x 250ml Poly	YES	HNO3	STL Pleasanton	Total Chromium ✓

COMMENTS: _____
 Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#4625
 Site Address: 3070 Fruitvale Avenue
 City: Oakland, CA

Job Number: 180255
 Event Date: 2-14-03 (inclusive)
 Sampler: Jim Herron

Well ID: MW-4 Date Monitored: 2-14-03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 24.65 ft.
 Depth to Water: 7.43 ft.
17.22 xVF .17 = 2.92 x3 (case volume) = Estimated Purge Volume: 8.78 gal.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Purge Equipment:
 Disposable Bailer ~~X~~
 Stainless Steel Bailer _____
 Stack Pump X
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1527 Weather Conditions: over cast
 Sample Time/Date: 1550 / 2-14-03 Water Color: clear Odor: NO
 Purging Flow Rate: 2 gpm. Sediment Description: None
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1530</u>	<u>3</u>	<u>7.28</u>	<u>740</u>	<u>16.4</u>		
<u>1533</u>	<u>6</u>	<u>7.21</u>	<u>868</u>	<u>16.2</u>		
<u>1536</u>	<u>9</u>	<u>7.13</u>	<u>870</u>	<u>16.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)/ 8-Quin(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#4625
 Site Address: 3070 Fruitvale Avenue
 City: Oakland, CA

Job Number: 180255
 Event Date: 2-14-03 (inclusive)
 Sampler: Sim Herring

Well ID: MW-5 Date Monitored: 2-14-03 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 24.40 ft.

Depth to Water: 8.65 ft.

15.75 xVF .17 = 2.67 x3 (case volume) = Estimated Purge Volume: 8.03 gal.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump X
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1720 Weather Conditions: Overcast
 Sample Time/Date: 1745 2-14-03 Water Color: _____ Odor: _____
 Purging Flow Rate: 2 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1722</u>	<u>2.5</u>	<u>6.76</u>	<u>908</u>	<u>17.0</u>	_____	_____
<u>1724</u>	<u>5.0</u>	<u>6.56</u>	<u>915</u>	<u>19.1</u>	_____	_____
<u>1726</u>	<u>8.0</u>	<u>6.59</u>	<u>874</u>	<u>19.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)</u> <u>8-Qwys(8260) 8 Oxys(82100)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#4625 Job Number: 180255
 Site Address: 3070 Fruitvale Avenue Event Date: 2-14-03 (inclusive)
 City: Oakland, CA Sampler: Jim Herron

Well ID: MW-6 Date Monitored: 2-14-03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 23.60 ft.
 Depth to Water: 7.76 ft.
15.84 xVF .17 = 2.69 x3 (case volume) = Estimated Purge Volume: 8.07 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____ X _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____ X _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1650 Weather Conditions: overcast
 Sample Time/Date: 1710/2-14-03 Water Color: BROWN/10m Odor: Yes
 Purging Flow Rate: 2 gpm. Sediment Description: Heavy
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1653</u>	<u>2.5</u>	<u>7.06</u>	<u>730</u>	<u>16.7</u>	_____	_____
<u>1655</u>	<u>5.0</u>	<u>7.13</u>	<u>449</u>	<u>17.8</u>	_____	_____
<u>1658</u>	<u>8.0</u>	<u>7.02</u>	<u>388</u>	<u>18.2</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)/ 8 Oxy's(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#4625 Job Number: 180255
 Site Address: 3070 Fruitvale Avenue Event Date: 2-14-03 (inclusive)
 City: Oakland, CA Sampler: Jim Heron

Well ID: USTW Date Monitored: _____ Well Condition: _____
 Well Diameter: _____ in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: / Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: missed monitoring this week

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

Tesco Corp./ Phillips 66 Co. 2000 Crow Canyon Place Suite 400 San Ramon, CA 94583

Facility Number #4625 Facility Address 3070 FRUITVALE AVE., OAKLAND, CA Global ID T0600102156 Project 180255.80 Client Contact MR. DAVID B. DEWITT Phone (925) 277-2384

Laboratory Name STR - PLEASANTON, CA Consultant GETTLER-RYAN, INC. DEANNA L. HARDING Address 6747 SIERRA CT., SUITE J, DUBLIN CA 94568 Phone (925) 551-7555 Fax (925) 551-7899 Samples Collected by Jim Herrera

Table with columns: SAMPLE ID, Number of Containers Matrix, S = Soil A = Air W = Water C = Charcoal, Sample Preservation, Date/Time (2400 Hrs), TPH-GAS/BTEX/MTBE EPA 8015/80218, TPH-DIESEL EPA 8015, TPH-DIESEL w/Silica gel EPA 8015, TPH-GAS EPA 8015, TPH-GAS/BTEX/MTBE EPA 8260, OXYGENATES EPA 8260, METHANOL EPA 8015, TOTAL OIL & GREASE EPA 5520, METALS Cd, Cr, Pb, Zn, Ni, NITRATE/SULFATE/ALKALINITY EPA 300 SERIES, HVC'S (8010) EPA 80218, VOC'S (8240) EPA 8260, SVOC'S EPA 8270, Total Chromium, Remarks.

Run 8 Oxy's by 8260 on all 8260 MTBE hits.

4.2°C

OXYGENATES 8260

- 1 - MTBE
2 - TBA
3 - TAME
4 - DIPE
5 - ETBE
6 - 1,2-DCA
7 - EDB
8 - ETHANOL

Rec'd @ Lab: Dennis Harrington 3/19/03 @ 1434

Table with columns: Relinquished By (Signature), Organization, Date/Time, Received By (Signature), Organization, Date/Time, Iced Y/N, Received For Laboratory by (Signature), Date/Time, Iced Y/N.

Table with columns: Turn Around Time (Circle Choice), 24 Hrs., 48 Hrs., 72 Hrs., 5 Days, 10 Days, As Contracted.

Gettler Ryan

March 06, 2003

6747 Sierra Court Suite J
Dublin, CA 94568

Attn.: Deanna Harding

Project#: 180255.80

Project: Tosco #4625

Site: 3070 Fruitvale Ave.
Oakland, CA

Dear Ms. Harding,

Attached is our report for your samples received on 02/19/2003 09:35

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 04/05/2003 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: tgranicher@stl-inc.com

Sincerely,



Tod Granicher
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
QA	02/14/2003	Water	1
MW-1	02/14/2003 18:20	Water	2
MW-2	02/14/2003 15:05	Water	3
MW-3	02/14/2003 16:20	Water	4
MW-4	02/14/2003 15:50	Water	5
MW-5	02/14/2003 17:45	Water	6
MW-6	02/14/2003 17:10	Water	7

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/06/2003 15:47

Page 1 of 13

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: QA	Lab ID: 2003-02-0354 - 1
Sampled: 02/14/2003	Extracted: 2/24/2003 17:04
Matrix: Water	QC Batch#: 2003/02/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/24/2003 17:04	
Benzene	ND	0.50	ug/L	1.00	02/24/2003 17:04	
Toluene	ND	0.50	ug/L	1.00	02/24/2003 17:04	
Ethylbenzene	ND	0.50	ug/L	1.00	02/24/2003 17:04	
Total xylenes	ND	1.0	ug/L	1.00	02/24/2003 17:04	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	02/24/2003 17:04	
Surrogates(s)						
1,2-Dichloroethane-d4	102.0	76-114	%	1.00	02/24/2003 17:04	
Toluene-d8	91.8	88-110	%	1.00	02/24/2003 17:04	

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899
Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-1	Lab ID:	2003-02-0354 - 2
Sampled:	02/14/2003 18:20	Extracted:	2/24/2003 22:42
Matrix:	Water	QC Batch#:	2003/02/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/24/2003 22:42	
Benzene	ND	0.50	ug/L	1.00	02/24/2003 22:42	
Toluene	ND	0.50	ug/L	1.00	02/24/2003 22:42	
Ethylbenzene	ND	0.50	ug/L	1.00	02/24/2003 22:42	
Total xylenes	ND	1.0	ug/L	1.00	02/24/2003 22:42	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	02/24/2003 22:42	
Methyl tert-butyl ether (MTBE)	8.8	2.0	ug/L	1.00	02/24/2003 22:42	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	02/24/2003 22:42	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	02/24/2003 22:42	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	02/24/2003 22:42	
1,2-DCA	ND	2.0	ug/L	1.00	02/24/2003 22:42	
EDB	ND	2.0	ug/L	1.00	02/24/2003 22:42	
Ethanol	ND	500	ug/L	1.00	02/24/2003 22:42	
Surrogates(s)						
1,2-Dichloroethane-d4	105.1	76-114	%	1.00	02/24/2003 22:42	
Toluene-d8	90.8	88-110	%	1.00	02/24/2003 22:42	

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-2	Lab ID:	2003-02-0354 - 3
Sampled:	02/14/2003 15:05	Extracted:	2/25/2003 12:57
Matrix:	Water	QC Batch#:	2003/02/25-01.27

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	130	50	ug/L	1.00	02/25/2003 12:57	
Benzene	12	0.50	ug/L	1.00	02/25/2003 12:57	
Toluene	ND	0.50	ug/L	1.00	02/25/2003 12:57	
Ethylbenzene	7.4	0.50	ug/L	1.00	02/25/2003 12:57	
Total xylenes	5.4	1.0	ug/L	1.00	02/25/2003 12:57	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	02/25/2003 12:57	
Surrogates(s)						
1,2-Dichloroethane-d4	97.2	76-114	%	1.00	02/25/2003 12:57	
Toluene-d8	92.5	88-110	%	1.00	02/25/2003 12:57	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-3	Lab ID:	2003-02-0354 - 4
Sampled:	02/14/2003 16:20	Extracted:	2/24/2003 23:27
Matrix:	Water	QC Batch#:	2003/02/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/24/2003 23:27	
Benzene	ND	0.50	ug/L	1.00	02/24/2003 23:27	
Toluene	ND	0.50	ug/L	1.00	02/24/2003 23:27	
Ethylbenzene	ND	0.50	ug/L	1.00	02/24/2003 23:27	
Total xylenes	ND	1.0	ug/L	1.00	02/24/2003 23:27	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	02/24/2003 23:27	
Surrogates(s)						
1,2-Dichloroethane-d4	112.9	76-114	%	1.00	02/24/2003 23:27	
Toluene-d8	93.4	88-110	%	1.00	02/24/2003 23:27	

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.

Oakland, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-4	Lab ID:	2003-02-0354 - 5
Sampled:	02/14/2003 15:50	Extracted:	2/24/2003 23:49
Matrix:	Water	QC Batch#:	2003/02/24-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/24/2003 23:49	
Benzene	ND	0.50	ug/L	1.00	02/24/2003 23:49	
Toluene	ND	0.50	ug/L	1.00	02/24/2003 23:49	
Ethylbenzene	ND	0.50	ug/L	1.00	02/24/2003 23:49	
Total xylenes	ND	1.0	ug/L	1.00	02/24/2003 23:49	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	02/24/2003 23:49	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	02/24/2003 23:49	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	02/24/2003 23:49	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	02/24/2003 23:49	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	02/24/2003 23:49	
1,2-DCA	ND	2.0	ug/L	1.00	02/24/2003 23:49	
EDB	ND	2.0	ug/L	1.00	02/24/2003 23:49	
Ethanol	ND	500	ug/L	1.00	02/24/2003 23:49	
Surrogates(s)						
1,2-Dichloroethane-d4	107.1	76-114	%	1.00	02/24/2003 23:49	
Toluene-d8	91.7	88-110	%	1.00	02/24/2003 23:49	

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03/06/2003 15:47

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.

Oakland, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-5	Lab ID:	2003-02-0354 - 6
Sampled:	02/14/2003 17:45	Extracted:	2/25/2003 00:12
Matrix:	Water	QC Batch#:	2003/02/24-01.62
Analysis Flag: o (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6600	500	ug/L	10.00	02/25/2003 00:12	
Benzene	920	5.0	ug/L	10.00	02/25/2003 00:12	
Toluene	210	5.0	ug/L	10.00	02/25/2003 00:12	
Ethylbenzene	430	5.0	ug/L	10.00	02/25/2003 00:12	
Total xylenes	1300	10	ug/L	10.00	02/25/2003 00:12	
tert-Butyl alcohol (TBA)	ND	1000	ug/L	10.00	02/25/2003 00:12	
Methyl tert-butyl ether (MTBE)	960	20	ug/L	10.00	02/25/2003 00:12	
Di-isopropyl Ether (DIPE)	ND	20	ug/L	10.00	02/25/2003 00:12	
Ethyl tert-butyl ether (ETBE)	ND	20	ug/L	10.00	02/25/2003 00:12	
tert-Amyl methyl ether (TAME)	ND	20	ug/L	10.00	02/25/2003 00:12	
1,2-DCA	ND	20	ug/L	10.00	02/25/2003 00:12	
EDB	ND	20	ug/L	10.00	02/25/2003 00:12	
Ethanol	ND	5000	ug/L	10.00	02/25/2003 00:12	
Surrogates(s)						
1,2-Dichloroethane-d4	111.3	76-114	%	10.00	02/25/2003 00:12	
Toluene-d8	94.2	88-110	%	10.00	02/25/2003 00:12	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: MW-6	Lab ID: 2003-02-0354 - 7
Sampled: 02/14/2003 17:10	Extracted: 2/25/2003 13:19
Matrix: Water	QC Batch#: 2003/02/25-01.27
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	13000	1000	ug/L	20.00	02/25/2003 13:19	
Benzene	2300	10	ug/L	20.00	02/25/2003 13:19	
Toluene	1900	10	ug/L	20.00	02/25/2003 13:19	
Ethylbenzene	560	10	ug/L	20.00	02/25/2003 13:19	
Total xylenes	2300	20	ug/L	20.00	02/25/2003 13:19	
tert-Butyl alcohol (TBA)	ND	2000	ug/L	20.00	02/25/2003 13:19	
Methyl tert-butyl ether (MTBE)	360	40	ug/L	20.00	02/25/2003 13:19	
Di-isopropyl Ether (DIPE)	ND	40	ug/L	20.00	02/25/2003 13:19	
Ethyl tert-butyl ether (ETBE)	ND	40	ug/L	20.00	02/25/2003 13:19	
tert-Amyl methyl ether (TAME)	ND	40	ug/L	20.00	02/25/2003 13:19	
1,2-DCA	ND	40	ug/L	20.00	02/25/2003 13:19	
EDB	ND	40	ug/L	20.00	02/25/2003 13:19	
Ethanol	ND	10000	ug/L	20.00	02/25/2003 13:19	
Surrogates(s)						
1,2-Dichloroethane-d4	95.9	76-114	%	20.00	02/25/2003 13:19	
Toluene-d8	95.3	88-110	%	20.00	02/25/2003 13:19	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

 Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/02/24-01.62-042

Water

Test(s): 8260FAB

QC Batch # 2003/02/24-01.62

Date Extracted: 02/24/2003 16:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	02/24/2003 16:42	
Benzene	ND	0.5	ug/L	02/24/2003 16:42	
Toluene	ND	0.5	ug/L	02/24/2003 16:42	
Ethylbenzene	ND	0.5	ug/L	02/24/2003 16:42	
Total xylenes	ND	1.0	ug/L	02/24/2003 16:42	
tert-Butyl alcohol (TBA)	ND	100	ug/L	02/24/2003 16:42	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	02/24/2003 16:42	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/24/2003 16:42	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/24/2003 16:42	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/24/2003 16:42	
1,2-DCA	ND	2.0	ug/L	02/24/2003 16:42	
EDB	ND	2.0	ug/L	02/24/2003 16:42	
Ethanol	ND	500	ug/L	02/24/2003 16:42	
Surrogates(s)					
1,2-Dichloroethane-d4	108.1	76-114	%	02/24/2003 16:42	
Toluene-d8	91.9	88-110	%	02/24/2003 16:42	

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Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2003/02/25-01.27-011

Water

Test(s): 8260FAB

QC Batch # 2003/02/25-01.27

Date Extracted: 02/25/2003 10:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	02/25/2003 10:54	
Benzene	ND	0.5	ug/L	02/25/2003 10:54	
Toluene	ND	0.5	ug/L	02/25/2003 10:54	
Ethylbenzene	ND	0.5	ug/L	02/25/2003 10:54	
Total xylenes	ND	1.0	ug/L	02/25/2003 10:54	
tert-Butyl alcohol (TBA)	ND	100	ug/L	02/25/2003 10:54	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	02/25/2003 10:54	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/25/2003 10:54	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/25/2003 10:54	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/25/2003 10:54	
1,2-DCA	ND	2.0	ug/L	02/25/2003 10:54	
EDB	ND	2.0	ug/L	02/25/2003 10:54	
Ethanol	ND	500	ug/L	02/25/2003 10:54	
Surrogates(s)					
1,2-Dichloroethane-d4	101.6	76-114	%	02/25/2003 10:54	
Toluene-d8	95.4	88-110	%	02/25/2003 10:54	

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03/06/2003 15:47

Page 10 of 13

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
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Phone: (925) 551-7444 Fax: (925) 551-7899
Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report										
Prep(s): 5030B							Test(s): 8260FAB			
Laboratory Control Spike				Water			QC Batch # 2003/02/24-01.62			
LCS		2003/02/24-01.62-057		Extracted: 02/24/2003			Analyzed: 02/24/2003 15:57			
LCSD		2003/02/24-01.62-019		Extracted: 02/24/2003			Analyzed: 02/24/2003 16:19			
Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	23.6	24.5	25.0	94.4	98.0	3.7	69-129	20		
Toluene	23.7	23.9	25.0	94.8	95.6	0.8	70-130	20		
Methyl tert-butyl ether (MTBE)	25.0	25.0	25.0	100.0	100.0	0.0	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	543	535	500	108.6	107.0		76-114			
Toluene-d8	469	470	500	93.8	94.0		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.

Oakland, CA

Batch QC Report										
Prep(s): 5030B								Test(s): 8260B		
Laboratory Control Spike				Water			QC Batch # 2003/02/25-01.27			
LCS	2003/02/25-01.27-004			Extracted: 02/25/2003			Analyzed: 02/25/2003 10:05			
LCSD	2003/02/25-01.27-005			Extracted: 02/25/2003			Analyzed: 02/25/2003 10:32			
Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	26.4	25.7	25.0	105.6	102.8	2.7	65-165	20		
Benzene	23.5	23.0	25.0	94.0	92.0	2.2	69-129	20		
Toluene	23.9	23.4	25.0	95.6	93.6	2.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	511	504	500	102.2	100.8		76-114			
Toluene-d8	468	474	500	93.6	94.8		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

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Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

Diesel

Gettler Ryan

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.

Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	02/14/2003 16:20	Water	4

Diesel

Gettler Ryan
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Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-3	Lab ID: 2003-02-0354 - 4
Sampled: 02/14/2003 16:20	Extracted: 2/24/2003 07:25
Matrix: Water	QC Batch#: 2003/02/24-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	02/24/2003 22:24	
<i>Surrogates(s)</i> o-Terphenyl	94.5	60-130	%	1.00	02/24/2003 22:24	

Diesel

Gettler Ryan

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report					
Prep(s): 3510/8015M		Water		Test(s): 8015M	
Method Blank				QC Batch # 2003/02/24-02.10	
MB: 2003/02/24-02.10-001				Date Extracted: 02/24/2003 07:25	
Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	02/24/2003 21:47	
Surrogates(s) o-Terphenyl	92.5	60-130	%	02/24/2003 21:47	

Diesel

Gettler Ryan

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Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2003/02/24-02.10

LCS 2003/02/24-02.10-002

Extracted: 02/24/2003

Analyzed: 02/27/2003 13:54

LCSD 2003/02/24-02.10-003

Extracted: 02/24/2003

Analyzed: 02/27/2003 14:34

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	890	741	1000	89.0	74.1	18.3	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	17.6	18.9	20.0	88.2	94.5		60-130	0		

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-3	02/14/2003 16:20	Water	4

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02/27/2003 12:04

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2003-02-0354 - 4
Sampled:	02/14/2003 16:20	Extracted:	2/26/2003 16:48
Matrix:	Water	QC Batch#:	2003/02/26-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	02/26/2003 16:48	
Acetone	ND	50	ug/L	1.00	02/26/2003 16:48	
Benzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Bromodichloromethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Bromobenzene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Bromochloromethane	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Bromoform	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Bromomethane	ND	1.0	ug/L	1.00	02/26/2003 16:48	
2-Butanone(MEK)	ND	50	ug/L	1.00	02/26/2003 16:48	
n-Butylbenzene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
sec-Butylbenzene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
tert-Butylbenzene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Carbon disulfide	ND	5.0	ug/L	1.00	02/26/2003 16:48	
Carbon tetrachloride	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Chlorobenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Chloroethane	ND	1.0	ug/L	1.00	02/26/2003 16:48	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	02/26/2003 16:48	
Chloroform	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Chloromethane	ND	1.0	ug/L	1.00	02/26/2003 16:48	
2-Chlorotoluene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
4-Chlorotoluene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Dibromochloromethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	02/26/2003 16:48	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	02/26/2003 16:48	

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02/27/2003 12:04

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan
Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899
Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2003-02-0354 - 4
Sampled:	02/14/2003 16:20	Extracted:	2/26/2003 16:48
Matrix:	Water	QC Batch#:	2003/02/26-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Dibromomethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Ethylbenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
2-Hexanone	ND	50	ug/L	1.00	02/26/2003 16:48	
Isopropylbenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Methylene chloride	ND	5.0	ug/L	1.00	02/26/2003 16:48	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	02/26/2003 16:48	
Naphthalene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
n-Propylbenzene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Styrene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Tetrachloroethene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Toluene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	02/26/2003 16:48	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	

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02/27/2003 12:04

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2003-02-0354 - 4
Sampled:	02/14/2003 16:20	Extracted:	2/26/2003 16:48
Matrix:	Water	QC Batch#:	2003/02/26-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Vinyl acetate	ND	25	ug/L	1.00	02/26/2003 16:48	
Vinyl chloride	ND	0.50	ug/L	1.00	02/26/2003 16:48	
Total xylenes	ND	1.0	ug/L	1.00	02/26/2003 16:48	
Surrogates(s)						
4-Bromofluorobenzene	106.7	86-115	%	1.00	02/26/2003 16:48	
1,2-Dichloroethane-d4	90.7	76-114	%	1.00	02/26/2003 16:48	
Toluene-d8	95.1	88-110	%	1.00	02/26/2003 16:48	

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

 Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/02/26-01.60-010

Water

Test(s): 8260B

QC Batch # 2003/02/26-01.60

Date Extracted: 02/26/2003 11:10

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	02/26/2003 11:10	
Acetone	ND	50	ug/L	02/26/2003 11:10	
Benzene	ND	0.5	ug/L	02/26/2003 11:10	
Bromodichloromethane	ND	0.5	ug/L	02/26/2003 11:10	
Bromobenzene	ND	1.0	ug/L	02/26/2003 11:10	
Bromochloromethane	ND	1.0	ug/L	02/26/2003 11:10	
Bromoform	ND	0.5	ug/L	02/26/2003 11:10	
Bromomethane	ND	1.0	ug/L	02/26/2003 11:10	
2-Butanone(MEK)	ND	50	ug/L	02/26/2003 11:10	
n-Butylbenzene	ND	1.0	ug/L	02/26/2003 11:10	
sec-Butylbenzene	ND	1.0	ug/L	02/26/2003 11:10	
tert-Butylbenzene	ND	1.0	ug/L	02/26/2003 11:10	
Carbon disulfide	ND	5.0	ug/L	02/26/2003 11:10	
Carbon tetrachloride	ND	0.5	ug/L	02/26/2003 11:10	
Chlorobenzene	ND	0.5	ug/L	02/26/2003 11:10	
Chloroethane	ND	1.0	ug/L	02/26/2003 11:10	
2-Chloroethylvinyl ether	ND	5.0	ug/L	02/26/2003 11:10	
Chloroform	ND	1.0	ug/L	02/26/2003 11:10	
Chloromethane	ND	1.0	ug/L	02/26/2003 11:10	
2-Chlorotoluene	ND	0.5	ug/L	02/26/2003 11:10	
4-Chlorotoluene	ND	0.5	ug/L	02/26/2003 11:10	
Dibromochloromethane	ND	0.5	ug/L	02/26/2003 11:10	
1,2-Dichlorobenzene	ND	0.5	ug/L	02/26/2003 11:10	
1,3-Dichlorobenzene	ND	0.5	ug/L	02/26/2003 11:10	
1,4-Dichlorobenzene	ND	0.5	ug/L	02/26/2003 11:10	
1,3-Dichloropropane	ND	1.0	ug/L	02/26/2003 11:10	
2,2-Dichloropropane	ND	0.5	ug/L	02/26/2003 11:10	
1,1-Dichloropropene	ND	0.5	ug/L	02/26/2003 11:10	

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02/27/2003 12:04

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.

Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/02/26-01.60-010

Water

Test(s): 8260B

QC Batch # 2003/02/26-01.60

Date Extracted: 02/26/2003 11:10

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/26/2003 11:10	
1,2-Dibromoethane	ND	0.5	ug/L	02/26/2003 11:10	
Dibromomethane	ND	0.5	ug/L	02/26/2003 11:10	
Dichlorodifluoromethane	ND	0.5	ug/L	02/26/2003 11:10	
1,1-Dichloroethane	ND	0.5	ug/L	02/26/2003 11:10	
1,2-Dichloroethane	ND	0.5	ug/L	02/26/2003 11:10	
1,1-Dichloroethene	ND	0.5	ug/L	02/26/2003 11:10	
cis-1,2-Dichloroethene	ND	0.5	ug/L	02/26/2003 11:10	
trans-1,2-Dichloroethene	ND	0.5	ug/L	02/26/2003 11:10	
1,2-Dichloropropane	ND	0.5	ug/L	02/26/2003 11:10	
cis-1,3-Dichloropropene	ND	0.5	ug/L	02/26/2003 11:10	
trans-1,3-Dichloropropene	ND	0.5	ug/L	02/26/2003 11:10	
Ethylbenzene	ND	0.5	ug/L	02/26/2003 11:10	
Hexachlorobutadiene	ND	1.0	ug/L	02/26/2003 11:10	
2-Hexanone	ND	50	ug/L	02/26/2003 11:10	
Isopropylbenzene	ND	0.5	ug/L	02/26/2003 11:10	
p-Isopropyltoluene	ND	1.0	ug/L	02/26/2003 11:10	
Methylene chloride	ND	5.0	ug/L	02/26/2003 11:10	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	02/26/2003 11:10	
Naphthalene	ND	1.0	ug/L	02/26/2003 11:10	
n-Propylbenzene	ND	1.0	ug/L	02/26/2003 11:10	
Styrene	ND	0.5	ug/L	02/26/2003 11:10	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	02/26/2003 11:10	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	02/26/2003 11:10	
Tetrachloroethene	ND	0.5	ug/L	02/26/2003 11:10	
Toluene	ND	0.5	ug/L	02/26/2003 11:10	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/26/2003 11:10	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/26/2003 11:10	

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02/27/2003 12:04

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/02/26-01.60-010

Water

Test(s): 8260B

QC Batch # 2003/02/26-01.60

Date Extracted: 02/26/2003 11:10

Compound	Conc.	RL	Unit	Analyzed	Flag
1,1,1-Trichloroethane	ND	0.5	ug/L	02/26/2003 11:10	
1,1,2-Trichloroethane	ND	0.5	ug/L	02/26/2003 11:10	
Trichloroethene	ND	0.5	ug/L	02/26/2003 11:10	
Trichlorofluoromethane	ND	1.0	ug/L	02/26/2003 11:10	
Trichlorotrifluoroethane	ND	0.5	ug/L	02/26/2003 11:10	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	02/26/2003 11:10	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	02/26/2003 11:10	
Vinyl acetate	ND	25	ug/L	02/26/2003 11:10	
Vinyl chloride	ND	0.5	ug/L	02/26/2003 11:10	
Total xylenes	ND	1.0	ug/L	02/26/2003 11:10	
Surrogates(s)					
4-Bromofluorobenzene	102.4	86-115	%	02/26/2003 11:10	
1,2-Dichloroethane-d4	84.0	76-114	%	02/26/2003 11:10	
Toluene-d8	94.7	88-110	%	02/26/2003 11:10	

Volatile Organic Compounds by 8260B (Low Level)

Gettler Ryan
Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/02/26-01.60

LCS 2003/02/26-01.60-002

Extracted: 02/26/2003

Analyzed: 02/26/2003 10:02

LCSD 2003/02/26-01.60-036

Extracted: 02/26/2003

Analyzed: 02/26/2003 10:36

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	18.9	20.2	20.0	94.5	101.0	6.6	69-129	20		
Chlorobenzene	21.2	21.6	20.0	106.0	108.0	1.9	61-121	20		
1,1-Dichloroethene	17.7	18.1	20.0	88.5	90.5	2.2	65-125	20		
Toluene	19.2	19.6	20.0	96.0	98.0	2.1	70-130	20		
Trichloroethene	16.9	17.5	20.0	84.5	87.5	3.5	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	518	523	500	103.6	104.6		86-115			
1,2-Dichloroethane-d4	417	427	500	83.4	85.4		76-114			
Toluene-d8	475	464	500	95.0	92.8		88-110			

Metals

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-3	02/14/2003 16:20	Water	4

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Metals

Gettler Ryan

Attn.: Deanna Harding

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Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	3010A	Test(s):	6010B
Sample ID:	MW-3	Lab ID:	2003-02-0354 - 4
Sampled:	02/14/2003 16:20	Extracted:	2/21/2003 12:35
Matrix:	Water	QC Batch#:	2003/02/21-03:15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chromium	0.074	0.0050	mg/L	1.00	02/24/2003 18:07	

Metals

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA**Batch QC Report**

Prep(s): 3010A

Method Blank

MB: 2003/02/21-03.15-018

Water

Test(s): 6010B

QC Batch # 2003/02/21-03.15

Date Extracted: 02/21/2003 12:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Chromium	ND	0.0050	mg/L	02/24/2003 17:52	

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Page 3 of 4

Metals

Gettler Ryan

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Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 3010A

Test(s): 6010B

Laboratory Control Spike

Water

QC Batch # 2003/02/21-03.15

LCS 2003/02/21-03.15-019

Extracted: 02/21/2003

Analyzed: 02/24/2003 17:56

LCSD 2003/02/21-03.15-020

Extracted: 02/21/2003

Analyzed: 02/24/2003 18:04

Compound	Conc. mg/L		Exp. Conc.	Recovery		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Chromium	0.494	0.476	0.500	98.8	95.2	3.7	80-120	20		

Oil & Grease (Total) by EPA 1664

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	02/14/2003 16:20	Water	4

Severn Trent Laboratories, Inc.

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02/24/2003 11:49

Page 1 of 4

Oil & Grease (Total) by EPA 1664

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	1664	Test(s):	1664
Sample ID:	MW-3	Lab ID:	2003-02-0354 - 4
Sampled:	02/14/2003 16:20	Extracted:	2/21/2003 00:00
Matrix:	Water	QC Batch#:	2003/02/21-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.0	mg/L	1.00	02/21/2003	

Oil & Grease (Total) by EPA 1664

Gettler Ryan
Attn.: Deanna Harding

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Dublin, CA 94568
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Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report					
Prep(s): 1664		Water		Test(s): 1664	
Method Blank				QC Batch # 2003/02/21-02.23	
MB: 2003/02/21-02.23-001				Date Extracted: 02/21/2003	
Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	1	mg/L	02/21/2003	

Oil & Grease (Total) by EPA 1664

Gettler Ryan
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Project: 180255.80
Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report										
Prep(s): 1664					Test(s): 1664					
Laboratory Control Spike			Water			QC Batch # 2003/02/21-02.23				
LCS	2003/02/21-02.23-002		Extracted: 02/21/2003			Analyzed: 02/21/2003				
LCSD	2003/02/21-02.23-003		Extracted: 02/21/2003			Analyzed: 02/21/2003				
Compound	Conc. mg/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	39.2	39.5	40.0	98.0	98.8	0.8	79-114	18		

Semi-volatile analysis by GC/MS - EPA8270C

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-3	02/14/2003 16:20	Water	4

Severn Trent Laboratories, Inc.

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02/24/2003 14:54

Page 1 of 8

Semi-volatile analysis by GC/MS - EPA8270C

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s): 3510C/8270C	Test(s): 8270C
Sample ID: MW-3	Lab ID: 2003-02-0354 - 4
Sampled: 02/14/2003 16:20	Extracted: 2/20/2003 07:17
Matrix: Water	QC Batch#: 2003/02/20-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2-Chlorophenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Benzyl alcohol	ND	5.0	ug/L	1.00	02/21/2003 12:57	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2-Methylphenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	02/21/2003 12:57	
4-Methylphenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Hexachloroethane	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Nitrobenzene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Isophorone	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2-Nitrophenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	02/21/2003 12:57	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Naphthalene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
4-Chloroaniline	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	02/21/2003 12:57	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Hexachlorocyclopentadiene	ND	5.0	ug/L	1.00	02/21/2003 12:57	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2-Nitroaniline	ND	10	ug/L	1.00	02/21/2003 12:57	

Severn Trent Laboratories, Inc.

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02/24/2003 14:54

Semi-volatile analysis by GC/MS - EPA8270C

Gettler Ryan

Attn.: Deanna Harding

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Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	MW-3	Lab ID:	2003-02-0354 - 4
Sampled:	02/14/2003 16:20	Extracted:	2/20/2003 07:17
Matrix:	Water	QC Batch#:	2003/02/20-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	5.0	ug/L	1.00	02/21/2003 12:57	
Acenaphthylene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
3-Nitroaniline	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Acenaphthene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2,4-Dinitrophenol	ND	10	ug/L	1.00	02/21/2003 12:57	
4-Nitrophenol	ND	10	ug/L	1.00	02/21/2003 12:57	
Dibenzofuran	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	02/21/2003 12:57	
Diethyl phthalate	ND	5.0	ug/L	1.00	02/21/2003 12:57	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1.00	02/21/2003 12:57	
Fluorene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
4-Nitroaniline	ND	10	ug/L	1.00	02/21/2003 12:57	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	02/21/2003 12:57	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	02/21/2003 12:57	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	02/21/2003 12:57	
Hexachlorobenzene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Pentachlorophenol	ND	10	ug/L	1.00	02/21/2003 12:57	
Phenanthrene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Anthracene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	02/21/2003 12:57	
Fluoranthene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Pyrene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	02/21/2003 12:57	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	02/21/2003 12:57	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.00	02/21/2003 12:57	
Chrysene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	02/21/2003 12:57	

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02/24/2003 14:54

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.

Oakland, CA

Prep(s): 3510C/8270C	Test(s): 8270C
Sample ID: MW-3	Lab ID: 2003-02-0354 - 4
Sampled: 02/14/2003 16:20	Extracted: 2/20/2003 07:17
Matrix: Water	QC Batch#: 2003/02/20-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Benzo(a)pyrene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	02/21/2003 12:57	
Benzoic acid	ND	10	ug/L	1.00	02/21/2003 12:57	
Surrogates(s)						
Nitrobenzene-d5	57.5	35-114	%	1.00	02/21/2003 12:57	
2-Fluorobiphenyl	54.7	43-116	%	1.00	02/21/2003 12:57	
p-Terphenyl-d14	69.5	33-141	%	1.00	02/21/2003 12:57	
2-Fluorophenol	37.3	25-100	%	1.00	02/21/2003 12:57	
Phenol-d6	24.1	10-110	%	1.00	02/21/2003 12:57	
2,4,6-Tribromophenol	72.7	10-123	%	1.00	02/21/2003 12:57	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

 Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 3510C/8270C

Method Blank

MB: 2003/02/20-01.11-001

Water

Test(s): 8270C

QC Batch # 2003/02/20-01.11

Date Extracted: 02/20/2003 07:17

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	2.0	ug/L	02/21/2003 10:35	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	02/21/2003 10:35	
2-Chlorophenol	ND	2.0	ug/L	02/21/2003 10:35	
1,3-Dichlorobenzene	ND	2.0	ug/L	02/21/2003 10:35	
1,4-Dichlorobenzene	ND	2.0	ug/L	02/21/2003 10:35	
Benzyl alcohol	ND	5.0	ug/L	02/21/2003 10:35	
1,2-Dichlorobenzene	ND	2.0	ug/L	02/21/2003 10:35	
2-Methylphenol	ND	2.0	ug/L	02/21/2003 10:35	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	02/21/2003 10:35	
4-Methylphenol	ND	2.0	ug/L	02/21/2003 10:35	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	02/21/2003 10:35	
Hexachloroethane	ND	2.0	ug/L	02/21/2003 10:35	
Nitrobenzene	ND	2.0	ug/L	02/21/2003 10:35	
Isophorone	ND	2.0	ug/L	02/21/2003 10:35	
2-Nitrophenol	ND	2.0	ug/L	02/21/2003 10:35	
2,4-Dimethylphenol	ND	2.0	ug/L	02/21/2003 10:35	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	02/21/2003 10:35	
2,4-Dichlorophenol	ND	2.0	ug/L	02/21/2003 10:35	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	02/21/2003 10:35	
Naphthalene	ND	2.0	ug/L	02/21/2003 10:35	
4-Chloroaniline	ND	2.0	ug/L	02/21/2003 10:35	
Hexachlorobutadiene	ND	2.0	ug/L	02/21/2003 10:35	
4-Chloro-3-methylphenol	ND	5.0	ug/L	02/21/2003 10:35	
2-Methylnaphthalene	ND	2.0	ug/L	02/21/2003 10:35	
Hexachlorocyclopentadiene	ND	5.0	ug/L	02/21/2003 10:35	
2,4,6-Trichlorophenol	ND	2.0	ug/L	02/21/2003 10:35	
2,4,5-Trichlorophenol	ND	2.0	ug/L	02/21/2003 10:35	
2-Chloronaphthalene	ND	2.0	ug/L	02/21/2003 10:35	

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02/24/2003 14:54

Semi-volatile analysis by GC/MS - EPA8270C

Gettler Ryan

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

 Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 3510C/8270C

Method Blank

MB: 2003/02/20-01.11-001

Water

Test(s): 8270C

QC Batch # 2003/02/20-01.11

Date Extracted: 02/20/2003 07:17

Compound	Conc.	RL	Unit	Analyzed	Flag
2-Nitroaniline	ND	10	ug/L	02/21/2003 10:35	
Dimethyl phthalate	ND	5.0	ug/L	02/21/2003 10:35	
Acenaphthylene	ND	2.0	ug/L	02/21/2003 10:35	
3-Nitroaniline	ND	2.0	ug/L	02/21/2003 10:35	
Acenaphthene	ND	2.0	ug/L	02/21/2003 10:35	
2,4-Dinitrophenol	ND	10	ug/L	02/21/2003 10:35	
4-Nitrophenol	ND	10	ug/L	02/21/2003 10:35	
Dibenzofuran	ND	2.0	ug/L	02/21/2003 10:35	
2,4-Dinitrotoluene	ND	2.0	ug/L	02/21/2003 10:35	
2,6-Dinitrotoluene	ND	5.0	ug/L	02/21/2003 10:35	
Diethyl phthalate	ND	5.0	ug/L	02/21/2003 10:35	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	02/21/2003 10:35	
Fluorene	ND	2.0	ug/L	02/21/2003 10:35	
4-Nitroaniline	ND	10	ug/L	02/21/2003 10:35	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	02/21/2003 10:35	
N-Nitrosodiphenylamine	ND	2.0	ug/L	02/21/2003 10:35	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	02/21/2003 10:35	
Hexachlorobenzene	ND	2.0	ug/L	02/21/2003 10:35	
Pentachlorophenol	ND	10	ug/L	02/21/2003 10:35	
Phenanthrene	ND	2.0	ug/L	02/21/2003 10:35	
Anthracene	ND	2.0	ug/L	02/21/2003 10:35	
Di-n-butyl phthalate	ND	5.0	ug/L	02/21/2003 10:35	
Fluoranthene	ND	2.0	ug/L	02/21/2003 10:35	
Pyrene	ND	2.0	ug/L	02/21/2003 10:35	
Butyl benzyl phthalate	ND	5.0	ug/L	02/21/2003 10:35	
3,3-Dichlorobenzidine	ND	5.0	ug/L	02/21/2003 10:35	
Benzo(a)anthracene	ND	2.0	ug/L	02/21/2003 10:35	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	02/21/2003 10:35	

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02/24/2003 14:54

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 180255.80

Tosco #4625

Received: 02/19/2003 09:35

 Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report

Prep(s): 3510C/8270C

Method Blank

MB: 2003/02/20-01.11-001

Water

Test(s): 8270C

QC Batch # 2003/02/20-01.11

Date Extracted: 02/20/2003 07:17

Compound	Conc.	RL	Unit	Analyzed	Flag
Chrysene	ND	2.0	ug/L	02/21/2003 10:35	
Di-n-octyl phthalate	ND	5.0	ug/L	02/21/2003 10:35	
Benzo(b)fluoranthene	ND	2.0	ug/L	02/21/2003 10:35	
Benzo(k)fluoranthene	ND	2.0	ug/L	02/21/2003 10:35	
Benzo(a)pyrene	ND	2.0	ug/L	02/21/2003 10:35	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	02/21/2003 10:35	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	02/21/2003 10:35	
Benzo(g,h,i)perylene	ND	2.0	ug/L	02/21/2003 10:35	
Benzoic acid	ND	10	ug/L	02/21/2003 10:35	
Surrogates(s)					
Nitrobenzene-d5	80.6	35-114	%	02/21/2003 10:35	
2-Fluorobiphenyl	72.1	43-116	%	02/21/2003 10:35	
p-Terphenyl-d14	85.9	33-141	%	02/21/2003 10:35	
2-Fluorophenol	58.0	25-100	%	02/21/2003 10:35	
Phenol-d6	37.5	10-110	%	02/21/2003 10:35	
2,4,6-Tribromophenol	92.2	10-123	%	02/21/2003 10:35	

Severn Trent Laboratories, Inc.

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02/24/2003 14:54

Semi-volatile analysis by GC/MS - EPA8270C

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Attn.: Deanna Harding

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Phone: (925) 551-7444 Fax: (925) 551-7899
Project: 180255.80
Tosco #4625

Alameda County
APR 04 2003
Environmental Health

Received: 02/19/2003 09:35

Site: 3070 Fruitvale Ave.
Oakland, CA

Batch QC Report										
Prep(s): 3510C/8270C							Test(s): 8270C			
Laboratory Control Spike			Water			QC Batch # 2003/02/20-01.11				
LCS	2003/02/20-01.11-002		Extracted: 02/20/2003			Analyzed: 02/21/2003 11:03				
LCSD	2003/02/20-01.11-003		Extracted: 02/20/2003			Analyzed: 02/21/2003 11:32				
Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Phenol	22.5	23.2	60.0	37.5	38.7	3.1	12-89	35		
2-Chlorophenol	51.6	52.2	60.0	86.0	87.0	1.2	23-134	25		
1,4-Dichlorobenzene	19.8	19.4	30.0	66.0	64.7	2.0	36-97	30		
N-Nitroso-di-n-propylamine	26.3	27.0	30.0	87.7	90.0	2.6	10-130	34		
1,2,4-Trichlorobenzene	24.8	20.9	30.0	82.7	69.7	17.1	44-142	35		
4-Chloro-3-methylphenol	56.6	62.3	60.0	94.3	103.8	9.6	22-147	31		
Acenaphthene	25.7	28.8	30.0	85.7	96.0	11.3	56-118	30		
4-Nitrophenol	26.2	24.7	60.0	43.7	41.2	5.9	1-132	35		
2,4-Dinitrotoluene	31.5	30.0	30.0	105.0	100.0	4.9	39-139	35		
Pentachlorophenol	55.4	44.3	60.0	92.3	73.8	22.3	45-125	35		
Pyrene	29.0	27.6	30.0	96.7	92.0	5.0	52-115	35		
Surrogates(s)										
Nitrobenzene-d5	21.1	20.2	25	84.4	80.8		35-114			
2-Fluorobiphenyl	18.7	19.5	25	74.8	78.0		43-116			
p-Terphenyl-d14	21.6	23.0	25	86.4	92.0		33-141			
2-Fluorophenol	27.3	26.5	50	54.6	53.0		25-100			
Phenol-d6	19.1	18.6	50	38.2	37.2		10-110			
2,4,6-Tribromophenol	40.7	43.9	50	81.4	87.8		10-123			