TRANSMITTAL

Alameda County

March 4, 2003 G-R #180299

MAR 2 4 2003

TO:

Mr. David B. De Witt

ConocoPhillips

2000 Crow Canyon Place, Suite 400

San Ramon, California 94583

Environmental Health Mr. Forrest McFarland

Secor International, Inc. 2301 Leghorn Street

Mountain View, CA 94043

FROM:

Deanna L. Harding

Project Coordinator Gettler-Ryan Inc.

6747 Sierra Court, Suite J Dublin, California 94568

RE: Tosco (Unocal) Service Station

#7124

10151 East 14th Street Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 3, 2003	Groundwater Monitoring and Sampling Report First Quarter - Event of January 24, 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 March 18, 2003, this report will be distributed to the following:

Ms. Eva Chu, Alameda County Health Care Services, 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502 cc:

Enclosure



March 3, 2003 G-R Job #180299

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

RE: First Quarter Event of January 24, 2003

> Groundwater Monitoring & Sampling Report Tosco (Unocal) Service Station #7124 10151 East 14th Street 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 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.

Sincerely,

Deanna L. Harding

Project Coordinator

Hagop Kevork P.E. No. C55734

Figure 1:

Potentiometric Map

Figure 2:

Concentration Map

Table 1:

Groundwater Monitoring Data and Analytical Results

Table 2:

Groundwater Analytical Results

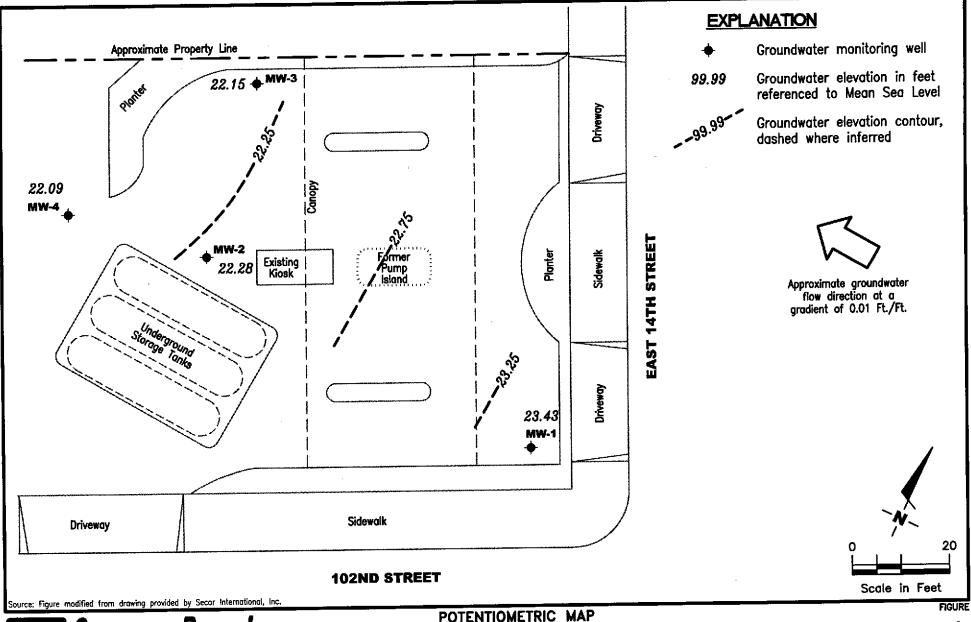
Attachments:

Standard Operating Procedure - Groundwater Sampling

Field Data Sheets

7124.qml

Chain of Custody Document and Laboratory Analytical Reports



GETTLER - RYAN INC.

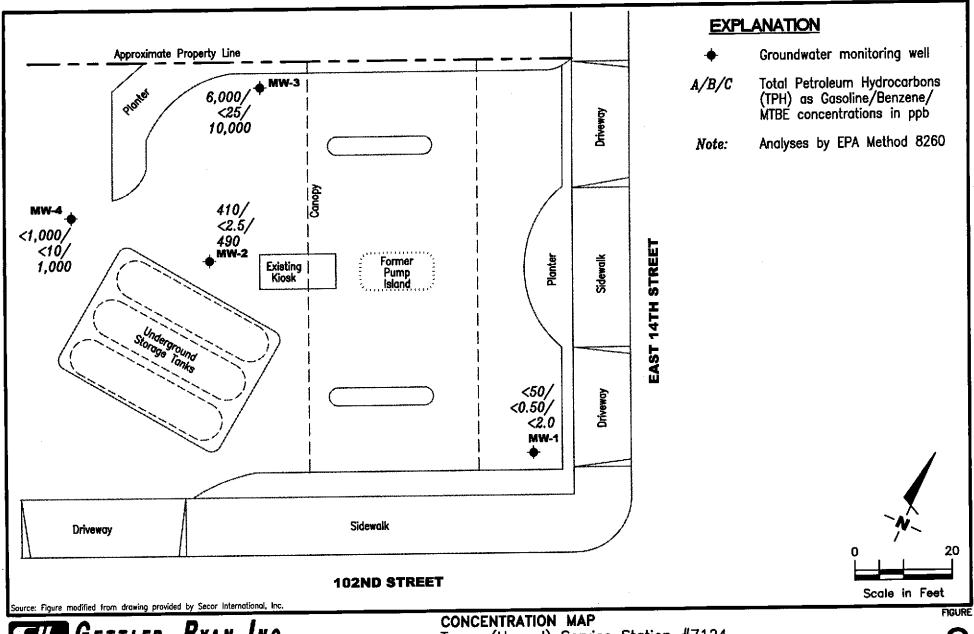
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

Tosco (Unocal) Service Station #7124 10151 East 14th Street Oakland, California

revised date

PROJECT NUMBER REVIEWED BY 180299

January 24, 2003



6747 Sierra Ct., Suite J Dublin, CA 94568 (925) 551-7555

REVIEWED BY

Tosco (Unocal) Service Station #7124 10151 East 14th Street Oakland, California

REVISED DATE January 24, 2003

180299

PROJECT NUMBER

FILE NAME: P:\ENVIRO\TOSCO\7124\Q03-7124.DWG | Layout Tob: Con1

Table 1
Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7124 10151 East 14th Street Oakland, California

				TPH-G	В	I	E.	x	MTBE
WELL ID/	DATE	DTW (fi.)	GWE (msl)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
TOC*(ft.)			AMED.						
MW-1							.0.50	40.50	<2.5/<2.0 ²
37.37	04/08/021	14.27	23.10	<50	<0.50	<0.50	<0.50	<0.50	<2.0
	$07/28/02^3$	15.88	21.49	<50	<0.50	<0.50	<0.50	<1.0	
	11/03/023	16.75	20.62	<50	< 0.50	<0.50	<0.50	<1.0	<2.0
	01/24/03 ³	13.94	23.43	<50	<0.50	<0.50	<0.50	<1.0	<2.0
MW-2									
37.87	04/08/021	15.86	22.01	4,400	<2.5	<2.5	6.4	<2.5	380/490 ²
37.67	$07/28/02^3$	17.28	20.59	3,200 ⁴	<2.5	<2.5	<2.5	<5.0	170
	11/03/02 ³	18.03	19.84	3,800 ⁴	<5.0	<5.0	<5.0	<10	72
	01/24/03 ³	15.59	22.28	4104	<2.5	<2.5	<2.5	<5.0	490
MW-3									c coore 200 ²
37.72	04/08/021	15.86	21.86	8,700	65	<25	400	<25	6,500/8,300 ²
	$07/28/02^3$	17.22	20.50	4,500 ⁴	<25	<25	<25	<50	1,100
	11/03/023	17.90	19.82	25,000 ⁴	<5.0	<5.0	25	<10	470
	01/24/03 ³	15.57	22.15	6,000	<25	<25	94	<50	10,000
MW-4							20	.e.n	790/980²
38.36	04/08/01	16.59	21.77	13,000	<5.0	<5.0	28	<5.0	
	$07/28/02^3$	17.93	20.43	18,000 ⁴	<2.5	<2.5	<2.5	<5.0	170
	11/03/02 ³	18.66	19.70	220 ⁴	<0.50	<0.50	<0.50	<1.0	5.7
	$01/24/03^3$	16.27	22.09	<1,000	<10	<10	<10	<20	1,000

Table 1 Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7124 10151 East 14th Street Oakland, California

WELL ID/ TOC*(fi.)	DATE	DTW (ft.)	GWE (msl)	TPH-G <i>(ppb)</i>	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
Trip Blank				<50	<0.50	<0.50	<0.50	<0.50	<2.5
B-LB	04/08/02			<50	<0.50	<0.50	< 0.50	<1.0	<2.0
QA .	07/28/023			<50	<0.50	<0.50	< 0.50	<1.0	<2.0
	11/03/02 ³ 01/24/03 ³			<50	<0.50	<0.50	<0.50	<1.0	<2.0

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7124 10151 East 14th Street Oakland, California

EXPLANATIONS:

TOC = Top of Casing

B = Benzene

(ppb) = Parts per billion

(ft.) = Feet

T = Toluene

-- = Not Measured/Not Analyzed

DTW = Depth to Water

E = Ethylbenzene

OA = Quality Assurance/Trip Blank

GWE = Groundwater Elevation

X = Xylenes

(msl) = Mean sea level

MTBE = Methyl tertiary butyl ether

TPH-G = Total Petroleum Hydrocarbons as Gasoline

- TOC elevations were surveyed on March 18, 2002, by Mid Coast Engineers. The benchmark used for the survey is HT0281, a benchmark disk in a concrete headwall on the east side of Railroad Avenue approximately 500 feet south of 85th Avenue (Benchmark Elevation = 11.50 feet NGVD 29).
- Well development performed.
- MTBE by EPA Method 8260.
- TPH-G, BTEX and MTBE by EPA Method 8260.
- Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

Table 2
Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #7124 10151 East 14th Street Oakland, California

WELL ID	DATE	ETHANOL	TBA	мтве	DIPE	ETBE	TAME	1,2-DCA	EDB
WELLID	DATE	(ppb)	(ppb)	(ppb)	(pph)	(ррь)	(ppb)	(ppb)	(ppb)
	0.4/0.0/0.0	-500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-1	04/08/02	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/28/02	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	11/03/02	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	01/24/03	<500	<100	~2.0	-2.0				
	04/09/02	<10,000	<2,000	490	<40	<40	<40	<40	<40
MW-2	04/08/02	<2,500	<500	170	<10	<10	<10	<10	<10
	07/28/02	<5,000	<1,000	72	<20	<20	<20	<20	<20
	11/03/02 01/24/03	<2,500	<500	490	<10	<10	<10	<10	<10
MW-3	04/08/02	<250,000	<50,000	8,300	<1,000	<1,000	<1,000	<1,000	<1,000
IAI AA-2	07/28/02	<25,000	<5,000	1,100	<100	<100	<100	<100	<100
	11/03/02	<5,000	<1,000	470	<20	<20	<20	<20	<20
	01/24/03	<25,000	<5,000	10,000	<100	<100	<100	<100	<100
	0.4.00.100	OF 000	<5,000	980	<100	<100	<100	<100	<100
MW-4	04/08/02	<25,000	<500	170	<10	<10	<10	<10	<10
	07/28/02	<2,500	<100	5.7	<2.0	<2.0	<2.0	<2.0	<2.0
	11/03/02	<500		1,000	<40	<40	<40	<40	<40
	01/24/03	<10,000	<2,000	1,000	- • • •				
								_	

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #7124 10151 East 14th Street 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 = 1,2-Dibromoethane

(ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

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.



Add/Replaced Lock: _____

WELL MONITORING/SAMPLING

ite Address: 1015 Oakl Vell ID Vell Diameter Total Depth Depth to Water Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other:	0735 08051 1/3	Date Samp Disport Press Discort Other	Monitored:	yent Date: ampler: 3/4*= 0.02	Well Condition: "= 0.04 2"= 0.17 = 1.02 6"= 1.50 mated Purge Volume: Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thicknes Visual Confirmation/D Skimmer / Absorbant Amt Removed from S Amt Removed from W Product Transferred to	3"= 0.38 12"= 5.80 2 3 gal. (240 (240 ss:	0 hrs 0 hrs fit fit
Vell ID Vell Diameter Total Depth Depth to Water Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): Sample Time/Date: Purging Flow Rate: Purging Flow Rate: Did well de-water?	MW-/ 4 in5.40 ft. 3.74 ft. // 146 xvF	Date Samp Disport Press Discort Other	Monitored:	3/4"= 0.02 1 4"= 0.66 5' (case volume) = Esti	Well Condition: "= 0.04 2"= 0.17 = 1.02 6"= 1.50 mated Purge Volume: Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thicknes Visual Confirmation/D Skimmer / Absorbant Amt Removed from S Amt Removed from W Product Transferred to	3"= 0.38 12"= 5.80 2 3 gal. (240 (240 ss:	0 hrs
Vell ID Vell Diameter Total Depth Depth to Water Vurge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Dither: Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 744	MW-/ 4 in5.40 ft. 3.74 ft. //46 xVF	Samp Dispo Press Disco Other	Monitored:	3/4"= 0.02 1 4"= 0.66 5" (case volume) = Esti	Well Condition: "= 0.04 2"= 0.17 = 1.02 6"= 1.50 mated Purge Volume: Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thicknes Visual Confirmation/D Skimmer / Absorbant Amt Removed from S Amt Removed from W Product Transferred to	3"= 0.38 12"= 5.80 2 3 gal. (240 (240 ss:	0 hrs
Vell Diameter Total Depth Depth to Water Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 7 44	4 in. 5.40 ft. 3.79 ft. //46 xVF	Samp Dispo Press Disco Other	Volume Factor (VF) = 7, 56/x3 pling Equipment: osable Bailer sure Bailer rete Bailer ar: mer Conditions: Water Color:	3/4*= 0.02 1 4*= 0.66 5* (case volume) = Esti	"= 0.04 2"= 0.17 = 1.02 6"= 1.50 mated Purge Volume:	3"= 0.38 12"= 5.80 2 3 gal. (240 (240 ss:	0 hrs
otal Depth Depth to Water Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 7 44	5.40 ft. 3.74 ft. /1.46 xVF	Sam Dispo Press Disco Othe Weath	Factor (VF) = 7, 56 x3 pling Equipment: osable Bailer sure Bailer rete Bailer er: mer Conditions: Water Color:	(case volume) = Esti	mated Purge Volume: Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thicknes Visual Confirmation/Do Skimmer / Absorbant Amt Removed from St Amt Removed from Water Product Transferred to	12"= 5.80 2 3 gal. (240 (240 ss:	0 hrs
Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 7 44	3.99 ft. 11.46 xVF	Sam Dispo Press Disco Othe Weath	Factor (VF) = 7, 56 x3 pling Equipment: osable Bailer sure Bailer rete Bailer er: mer Conditions: Water Color:	(case volume) = Esti	mated Purge Volume: Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thicknes Visual Confirmation/Do Skimmer / Absorbant Amt Removed from St Amt Removed from Water Product Transferred to	12"= 5.80 2 3 gal. (240 (240 ss:	0 hrs ft ft ft
Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 7 44	3.99 ft. 11.46 xVF	Sam Dispo Press Disco Othe Weath	= 7, 56 x3 pling Equipment: osable Bailer sure Bailer rete Bailer ar: her Conditions: Water Color:	Cle	Time Started:	(240 (240 ss:	0 hrs
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Stainless Steel Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 7 44	08051 1/2 1-1.5 gpm.	Dispo Presi Disci Othe Weath	osable Bailer sure Bailer rete Bailer ar: her Conditions:		Depth to Product: Depth to Water: Hydrocarbon Thicknes Visual Confirmation/D Skimmer / Absorbant Amt Removed from S Amt Removed from W Product Transferred to	escription: Sock (circle one) kimmer:	ft ft ga
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Suction Pump Grundfos Other: Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 744	08051 1/2 1-1.5 gpm.	Weath 2463 Sedime	ner Conditions: _ Water Color: _		Skimmer / Absorbant Amt Removed from S Amt Removed from W Product Transferred to	Sock (circle one) kimmer:	
Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 7 44	08051 1/2 1-1.5 gpm.	Weath 2463 Sedime	ner Conditions: _ Water Color: _		Amt Removed from Si Amt Removed from W Product Transferred to	kimmer: /ell:	
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Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 0744	08051 1/2 1-1.5 gpm.	3463 Sedime	Water Color:		av .	0:	
Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) 0744	08051 1/2 1-1.5 gpm.	3463 Sedime	Water Color:				
(2400 hr.) 0744 0750		If yes, Tim	-	Volume:	gal.		
0744	Volume	рН	Conductivity	Temperature	D.O.	ORP	
0750	(gal.)		(u mhos/cm)	(G/F)	(mg/L)	(mV)	
	<u> </u>	<u>6.73</u> .	<u>577</u> .	12.8			
6755	16	6.67	513	23,0			
	73 1	(e,70.	529	22.9			
							.,.
		LA	BORATORY INFO				
SAMPLE ID (#	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ALYSES	
MW- (3 x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE	TO UXY S(SZOU)	
COMMENTS:				.			
		*					



Add/Replaced Lock: _____

WELL MONITORING/SAMPLING **FIELD DATA SHEET**

Client/Facility #:	Tosco #7124		Jo	b Number: 18	80299	
Site Address:	10151 East 14t	h Avenue	Ev	ent Date:	1/24/03	(inclusiv
City:	Oakland, CA	1	Si	ampler:	G.M	
Well ID	MW-2	Date I	Monitored://	24/03	Well Condition:	OK
Well Diameter	4 in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17 3"=	0.38
Total Depth	25.46 ft.		Factor (VF)			5.80
Depth to Water	15.59 ft.	us 0.662	= 615/x3	(case volume) = Est	imated Purge Volume:	gal.
	^			T	Time Started:	(2400 hrs)
Purge Equipment:		•	ling Equipment:		Time Bailed:	(2400 hrs)
Disposable Bailer		•	sable Bailer ure Bailer		Depth to Product: Depth to Water:	
Stainless Steel Bailer Stack Pump			ete Bailer		Hydrocarbon Thickness:	<u>6</u> ft
Suction Pump		Other	_		Visual Confirmation/Descrip	otion:
Grundfos					Skimmer / Absorbant Sock	(circle one)
Other:					Amt Removed from Skimm	
•					Amt Removed from Well:_	gal
					Product Transferred to:	
Purging Flow Ra Did well de-wate Time (2400 hr.)	er? No Volume (gal.)	Sedime	Water Color: nt Description: Conductivity (u mhos/cm)	Volume:		ORP (mV)
<u>0900</u>	- 14	131 -	417	73.0		
090	7 20	6.47	411	23.0		
-						
			ORATORY INFO	RMATION	ANALYS	FS
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE HCL	STL Pleasantor		
MVV-	3 x vua via	I ILG	TIOL	0,0,1,0,0,0,1		
COMMENTS						
COMMENTS:						



WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #:	Tosco #7124		Jo	b Number: 18	0299	
Site Address:	10151 East 14th	Avenue	E	vent Date:	1/24/03	(inclusiv
City:	Oakland, CA		S	ampler: C	r./h	
Well ID	MW-3_	Date N	Monitored: 1	124/03	Well Condition:	dK_
Well Diameter Total Depth	4 in. 25.38 ft.		Volume Factor (VF)	U. . V	- 0,01	°= 0.38 °= 5.80
Depth to Water	15.57 ft.	-11.	<u> </u>		mated Purge Volume:	20 gal.
	9.81xv				Time Started:	(2400 hrs)
Purge Equipment:		•	ling Equipment:		Time Bailed: Depth to Product:	(2400 hrs) ft
Disposable Bailer Stainless Steel Baile		-	sable Bailer ure Bailer		Depth to Water:	f
Stack Pump	1		te Bailer		Hydrocarbon Thickness:	
Suction Pump		Other	·		Visual Confirmation/Desc	inplion:
Grundfos					Skimmer / Absorbant Soc	
Other:				i	Amt Removed from Skim Amt Removed from Well:	
				1	Product Transferred to:_	
	ate: <u>09557</u> ate: <u>27. √gpm.</u> eer? <u>N</u> O		nt Description:	Volume:		
Time (2400 hr.)	Volume (gal.)	р Н	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
093	<u>8 7 .</u>	<u>6.44</u> _	436	230		
094	<u>3</u> <u>14</u> .	<u> 40 _</u>	427	23.3		
094	7 2 .	6.41	425	132		
		LAE REFRIG.	PRESERV. TYPE		ANAL	YSES
SAMPLE ID	(#) CONTAINER		HCL	STL Pleasanton		Oxy's(8260)
MW- 3						
COMMENTS	:					
						
Add/Ren	olaced Lock:			Add/Replaced P	lug: Siz	e:



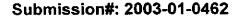
GETTLER-RYAN INC.

WELL MONITORING/SAMPLING **FIELD DATA SHEET**

lient/Facility #:	Tosco #7124		Job Number: 1	80299	
ite Address:	10151 East 14tl	n Avenue	Event Date:	1/24/63	(inclus
City:	Oakland, CA		Sampler: (5.1	
Vell ID	MW-4	Date Monitored:	1/24/07	Well Condition:	OK
Vell Diameter	4 in.	E	0/47-0-00	1"= 0.04 2"= 0.17	3*= 0.38
otal Depth	25.44 ft.	Volume Factor		1"= 0.04 2"= 0.17 "= 1.02 6"= 1.50	12"= 5.80
Depth to Water	16.27th.	F 0.66 = 6.06	x3 (case volume) = Est	imated Purge Volume:	
ourge Equipment:		Sampling Equipm	ent:	Time Started:	(2400 hrs) (2400 hrs)
Disposable Bailer		Disposable Bailer		Time Bailed: Depth to Product:	
Stainless Steel Bailer		Pressure Bailer		Depth to Water:	· · · · · · · · · · · · · · · · · · ·
Stack Pump	V	Discrete Bailer		Hydrocarbon Thickne	
Suction Pump		Other:		Visual Confirmation/I	Description:
Grundfos				Skimmer / Absorban	t Sock (circle one)
Other:	·			Amt Removed from	Skimmer: ga
				Amt Removed from Product Transferred	Well:ga
	e): <u>0813</u>			Leav	
Sample Time/Da	ate: <u>0840 / i/</u> ate: <u>^(, k gpm.</u>		olor: <u> </u>	Odor:	yes
Sample Time/Da Purging Flow Ra	ate: <u>0840 / i/</u> ate: <u>^(, k gpm.</u>	Sediment Descript	olor:	Odor:	ORP (mV)
Sample Time/Da Purging Flow Ra Did well de-wate Time	ete: <u>08401 i/</u> ete: <u>^(, k' gpm.</u> er? <u>N6</u> Volume	Sediment Descript If yes, Time: Conductivity	olor:Olor:	gal.	ORP
Sample Time/Da Purging Flow Ra Did well de-wate Time	ate: <u>08401 i/</u> ate: <u>^(, k' gpm.</u> er? <u>N6</u> Volume (gal.)	Sediment Descript If yes, Time: Conductivity (u mhos/cm)	Volume: Temperature (C/F)	gal.	ORP
Sample Time/Da Purging Flow Ra Did well de-wate Time	ate: <u>08401 i/</u> ate: <u>^(, k' gpm.</u> er? <u>N6</u> Volume (gal.)	Sediment Descript If yes, Time: PH Conductivity (u mhos/cm) Cold Col	Volume: Temperature (C/F)	gal.	ORP
Sample Time/Da Purging Flow Ra Did well de-wate Time	ate: <u>08401 i/</u> ate: <u>^(, k' gpm.</u> er? <u>N6</u> Volume (gal.)	Sediment Descript Sediment Descript If yes, Time:	Volume: Temperature (C/F) 2.7 2.7 2.7	gal.	ORP
Sample Time/Da Purging Flow Ra Did well de-wate Time	ate: <u>08401 i/</u> ate: <u>^(, k' gpm.</u> er? <u>N6</u> Volume (gal.)	Sediment Descript Sediment Descript If yes, Time:	Volume: Temperature (C/F) 2.7 2.7 2.7 3.1 INFORMATION	gal. D.O. (mg/L)	ORP
Sample Time/Da Purging Flow Ra Did well de-wate Time (2400 hr.) OS24	volume (gal.)	Sediment Descript If yes, Time: PH Conductivity (u mhos/cm) (.61 456 (.51 455 (.54 947) LABORATORY	Volume: Temperature (C/F) 2.7 2.7 2.7 3.1 INFORMATION	gal. D.O. (mg/L)	ORP (mV)
Sample Time/Darging Flow Radio Well de-water (2400 hr.)	volume (gal.) (#) CONTAINER	Sediment Descript If yes, Time: pH Conductivity (umhos/cm) (.61 456 (.51 455 (.54 447) LABORATORY REFRIG. PRESERV. 1	Volume: Temperature (C/F) 2.7 2.7 2.7 2.7 LABORATION TYPE LABORATORY	gal. D.O. (mg/L)	ORP (mV)
Sample Time/Darging Flow Radio Well de-water (2400 hr.)	volume (gal.) (#) CONTAINER	Sediment Descript If yes, Time: pH Conductivity (umhos/cm) (.61 456 (.51 455 (.54 447) LABORATORY REFRIG. PRESERV. 1	Volume: Temperature (C/F) 2.7 2.7 2.7 2.7 LABORATION TYPE LABORATORY	gal. D.O. (mg/L)	ORP (mV)

Gettler-Ryan Inc., Chain-of-Custody

×					₽ 7124	·								oborato	y Nome	STL	– PLEA	SANTON	CA				
T	,	1	ity Nurr		10151 E	ST 14TH	STREET	, OAKLA	ND, CA				-	Consulto		GETT	LER-RY	AN, INC			DEAN	NA L H	IARDING
Tosco Corp. Phillips 66 (Co.		ity Addi							299.80			- 1	consumo: Vidress					OUTE J,				
2000 Crow Canyo Suite 400			al 10 <u> </u>		MR. DAYI	D B. DEWI	π	. Project		<u> </u>						(925) 551-	7555	Fax		925) 55	7899	<u> </u>
San Ramon, CA		1	t Conto						_				_	Samales	Collecte	ed by	G.	Ro.	2 61/3 - Lax				
		Phor	1 0		(,	·							_ `										
SAMPLE ID	Number of Containers Matrix	= Soil A = Air = Water C = Charcool	Sample Preservation		Date/Time (2400 Hrs)	TPH-CAS/BTEX/MTBE EPA 8015/80218	TPH-DIESEL EPA 8015	TPH-DIESEL w/Silica gel EPA 8015	TPH-GAS EPA 8015	TPH-CAS/BTEX/MTBE EPA 8260	8 OXYGENATES	METHANOL EPA 8015	TOTAL OIL & GREASE EPA 5520	METALS Cd, Cr, Pb, Zn, Ni	NITRATE/SULFATE/ALKALINITY EPA 300 SERIES	HVOC'S (8010) EPA 80218	VOC'S (8240) EPA 8280	SVOC'S EPA 8270			-		Remarks
	ŽŽ	υ≽		1/24/	03	, F W	-"							 									
<u>QA</u>	11_					_		-		V	1	-		 					_				
mw-1	3	W	HCL		080		<u> </u>	-		-	1/			 									
MW-1	13	W	HCL	Ц	097	2		 		0	V ,			├					-				
MW-3	3	W	HCL		095	5		 	<u> </u>	V	V	 	<u> </u>	 - -	-	-							
MW-f		6	HCV		084	0				V	V		<u> </u>	 					├──┤		 	<u> </u>	
1.4.5.7										<u> </u>				├ ─-	 						 		
	 													↓	<u> </u>						 	 -	
	+	 	-												<u> </u>		<u> </u>				┼	 - -	
		-				_	T								<u> </u>						 	<u> </u>	OXYGENATES 8260
	+	┼	\vdash	├-		_		1					_					<u> </u>			 	 	2 - TBA 3 - TAME
	 	├—	├-	┼╌		-	†	 	1	1						<u> </u>		<u> </u>			<u> </u>		4 - DIPE 5 - ETBE
		-	 -	\vdash			+-	+	+-	-							_						6 - 1,2-DCA 7 - EDB
	+	 	-	_			+	+	\dagger	+-	+-	 		 									8 - ETHANOL
Relinquished By	lignature)	_	anizat HC	tion Dat	0/11m0 0/3 134	 	eceived (j By (Sigr	iature)		Org	onizatio		ite/Time		Iced Y			Turn A	2	lime (Ci 4 Hrs. 8 Hrs.	role Choice) .
Relinquished By (S	Signature)	_	aniza		e/Time	R	eceived	By (Sigr	eture)		Org	anizatlo	n Do	ite/Time		Iced Y					2 Hrs. 5 Days	-
Relinquished By (S	Signature)	Org	aniza	tion Dot	e/Time	R	ecieved	For Lab	oretory	By (Sign	nature)			ite/Time - 2 역 국		ked Y			-		O Days Contract	• •





Gettler Ryan

February 12, 2003

6747 Sierra Court Suite J **Dublin, CA 94568**

Attn.:

Deanna Harding

Project#: 180299.80

Project:

Tosco #7124

Site:

10151 East 14th Street

Oakland, CA

Dear Ms. Harding,

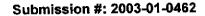
Attached is our report for your samples received on 01/24/2003 16:10 This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/10/2003 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





Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180299.80

Tosco #7124

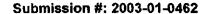
Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	D Lab#
QA	01/24/2003	Water	1
MW-1	01/24/2003 08:05	Water	2
MW-2	01/24/2003 09:20	Water	3
MW-3	01/24/2003 09:55	Water	4
MW-4	01/24/2003 08:40	Water	5





Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180299.80

Tosco #7124

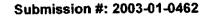
Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

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Prep(s): 5030B	Test(s): 8260FAB
CHARLES AND	Print Print Plant For Earlier College Burger College Burger Free College Colle
Sample ID: QA 45-11-11-11-11-11-11-11-11-11-11-11-11-11	NECEDID: 12.003-01-046211-2
ESCONOCIONAL ANTO PER EL CARA CENTRAL DE PROPERTO DE CONTROL DE PROPERTO DE CARA CARA CARA CARA CARA CARA CARA CAR	2000年,1910年中国中国中国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国
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Sampled: 01/24/2003	Extracted: 2/8/2003 11 25
C 12 12 12 12 12 12 12 12 12 12 12 12 12	THE PARTY OF THE P
No. 7 to 10 to	The state of the s
	QC Batch#: 2003/02/03-01-62
Matrix Water 1997 In the Control of	
High residence of the control of the	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/03/2003 11:25	
Benzene	ND	0.50	ug/L	1.00	02/03/2003 11:25	
Toluene	ND	0.50	ug/L	1.00	02/03/2003 11:25	
Ethylbenzene	ND	0.50	ug/L	1.00	02/03/2003 11:25	
Total xylenes	ND	1.0	ug/L	1.00	02/03/2003 11:25	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	02/03/2003 11:25	
Surrogates(s)		-				
1,2-Dichloroethane-d4	105.7	76-114	%	1.00	02/03/2003 11:25	
Toluene-d8	95.3	88-110	%	1.00	02/03/2003 11:25	





Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180299.80

Tosco #7124

Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

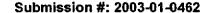
 Prep(s):
 5030B
 Test(s):
 8260FAB

 Sample ID:
 MW-1
 Lab ID:
 2003-01-0462 - 2

 Sampled:
 01/24/2003 08:05
 Extracted:
 2/6/2003 13:41

 Matrix:
 Water
 QC Batch#:
 2003/02/06-01.27

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/06/2003 13:41	
Benzene	ND	0.50	ug/L	1.00	02/06/2003 13:41	
Toluene	ND	0.50	ug/L	1.00	02/06/2003 13:41	
Ethylbenzene	ND	0.50	ug/L	1.00	02/06/2003 13:41	
Total xylenes	ND	1.0	ug/L	1.00	02/06/2003 13:41	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	02/06/2003 13:41	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	02/06/2003 13:41	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	02/06/2003 13:41	ļ
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	02/06/2003 13:41	ļ
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	02/06/2003 13:41	
1,2-DCA	ND	2.0	ug/L	1.00	02/06/2003 13:41	
EDB	ND	2.0	ug/L	1.00	02/06/2003 13:41	
Ethanol	ND	500	ug/L	1.00	02/06/2003 13:41	
Surrogates(s)				ļ	Ì	Į
1,2-Dichloroethane-d4	107.2	76-114	%	1.00	02/06/2003 13:41	
Toluene-d8	96.6	88-110	%	1.00	02/06/2003 13:41	1





Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180299.80

Tosco #7124

Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

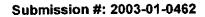
Prep(s): 5030B Test(s): 8260FAB

Sample ID: MW-2 Lab ID: 2003-01-0462 - 3

Sampled: 01/24/2003 09:20 Extracted: 2/6/2003 14:03 Matrix: Water QC Batch#: 2003/02/06-01:27

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL.	Unit	Dilution	Analyzed	Flag
Gasoline	410	250	ug/L	5.00	02/06/2003 14:03	9
Benzene	ND	2.5	ug/L	5.00	02/06/2003 14:03	
Toluene	ND	2.5	ug/L	5.00	02/06/2003 14:03	
Ethylbenzene	ND	2.5	ug/L	5.00	02/06/2003 14:03	
Total xylenes	ND	5.0	ug/L	5.00	02/06/2003 14:03	
tert-Butyl alcohol (TBA)	ND	500	ug/L	5.00	02/06/2003 14:03	
Methyl tert-butyl ether (MTBE)	490	10	ug/L	5.00	02/06/2003 14:03	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	5.00	02/06/2003 14:03	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	5.00	02/06/2003 14:03	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	5.00	02/06/2003 14:03	
1,2-DCA	ND	10	ug/L	5.00	02/06/2003 14:03	
EDB	ND	10	ug/L	5.00	02/06/2003 14:03	
Ethanol	ND	2500	ug/L	5.00	02/06/2003 14:03	
Surrogates(s)	1					
1,2-Dichloroethane-d4	109.7	76-114	%	5.00	02/06/2003 14:03	<u> </u>
Toluene-d8	96.7	88-110	%	5.00	02/06/2003 14:03	





Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180299.80

Tosco #7124

Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

Prep(s): 5030B

Test(s):

8260FAB

Sample ID: MW-3

Lab ID:

2003-01-0462 - 4

Sampled: 01/24/2003 09:55

Extracted:

2/6/2003 14:24

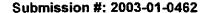
Matrix:

Water

QC Batch#: 2003/02/06-01.27

Analysis Flag. o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6000	2500	ug/L	50.00	02/06/2003 14:24	
Benzene	ND	25	ug/L	50.00	02/06/2003 14:24	
Toluene	ND	25	ug/L	50.00	02/06/2003 14:24	
Ethylbenzene	94	25	ug/L	50.00	02/06/2003 14:24	
Total xylenes	ND	50	ug/L	50.00	02/06/2003 14:24	
tert-Butyl alcohol (TBA)	ND	5000	ug/L	50.00	02/06/2003 14:24	
Methyl tert-butyl ether (MTBE)	10000	100	ug/L	50.00	02/06/2003 14:24	
Di-isopropyl Ether (DIPE)	ND	100	ug/L	50.00	02/06/2003 14:24	
Ethyl tert-butyl ether (ETBE)	ND	100	ug/L	50.00	02/06/2003 14:24	
tert-Amyl methyl ether (TAME)	ND	100	ug/L	50.00	02/06/2003 14:24	1
1,2-DCA	ND	100	ug/L	50.00	02/06/2003 14:24	
EDB	ND	100	ug/L	50.00	02/06/2003 14:24	
Ethanol	ND	25000	ug/L	50.00	02/06/2003 14:24	
Surrogates(s)		- [
1,2-Dichloroethane-d4	114.7	76-114	%	50.00	02/06/2003 14:24	1
Toluene-d8	97.0	88-110	%	50.00	02/06/2003 14:24	<u> </u>





Gettler Ryan

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Dublin, CA 94568

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

Project: 180299.80

Tosco #7124

Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

Prep(s): 5030B Test(s): 8260FAB

Sample ID; MW-4 Lab ID: 2003-01-0462 - 5

Sampled: 01/24/2003 08:40 Extracted: 2/6/2003 14:46

Matrix Water QC Batch#: 2003/02/06-01.27

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/L	20.00	02/06/2003 14:46	
Benzene	ND	10	ug/L	20.00	02/06/2003 14:46	
Toluene	ND	10	ug/L	20.00	02/06/2003 14:46	
Ethylbenzene	ND	10	ug/L	20.00	02/06/2003 14:46	
Total xylenes	ND	20	ug/L	20.00	02/06/2003 14:46	
tert-Butyl alcohol (TBA)	ND	2000	ug/L	20.00	02/06/2003 14:46	
Methyl tert-butyl ether (MTBE)	1000	40	ug/L	20.00	02/06/2003 14:46	
Di-isopropyl Ether (DIPE)	ND	40	ug/L	20.00	02/06/2003 14:46	į.
Ethyl tert-butyl ether (ETBE)	ND	40	ug/L	20.00	02/06/2003 14:46	
tert-Amyl methyl ether (TAME)	ND	40	ug/L	20.00	02/06/2003 14:46	
1,2-DCA	DN	40	ug/L	20.00	02/06/2003 14:46	l
EDB	ND	40	ug/L	20.00	02/06/2003 14:46	
Ethanol	ND	10000	ug/L	20.00	02/06/2003 14:46	ļ
Surrogates(s)			1		1	
1,2-Dichloroethane-d4	109.4	76-114	%	20.00	02/06/2003 14:46	
Toluene-d8	99.2	88-110	%	20.00	02/06/2003 14:46	



Submission #: 2003-01-0462

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: 180299.80

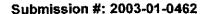
Tosco #7124

Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

	Batc	h QC Report				
Prep(s): 5030B Method Blank MB: 2003/02/03-01.62-003		Water	Test(s); 8260FAt QC Batch # 2003/02/03-01.6 Date Extracted: 02/03/2003 11:0			
Compound	Conc.	RL	Unit	Analyzed	Flag	
Sasoline	ND	50	ug/L	02/03/2003 11:03		
Benzene	ND	0.5	ug/L	02/03/2003 11:03		
Toluene	ND	0.5	ug/L	02/03/2003 11:03		
Ethylbenzene	ND	0.5	ug/L	02/03/2003 11:03		
Total xylenes	ND	1.0	ug/L	02/03/2003 11:03		
ert-Butyl alcohol (TBA)	ND	100	ug/L	02/03/2003 11:03		
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L	02/03/2003 11:03		
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/03/2003 11:03		
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/03/2003 11:03	1	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/03/2003 11:03		
1,2-DCA	ND	2.0	ug/L	02/03/2003 11:03		
EDB	ND	2.0	ug/L	02/03/2003 11:03	1	
Ethanol	ND	500	ug/L	02/03/2003 11:03		
Surrogates(s)	1	1		00/00/0000 44 00		
1,2-Dichloroethane-d4	106.5	76-114	%	02/03/2003 11:03		
Toluene-d8	95.0	88-110	%	02/03/2003 11:03	<u> </u>	





Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180299.80

Tosco #7124

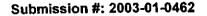
Received: 01/24/2003 16:10

Site: 10151 East 14th Street

Oakland, CA

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	QC Report
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- British Charles to decide the control of the cont	
	Test(s): 8260FAB
Prép(s): 5030B	
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	Vater QC Batch # 2003/02/06-01.27
Method Blank	
EXCURN CHARLES AND ACTION OF THE TATALOGUE TO SECURE AND THE REPORT OF THE PROPERTY OF THE PRO	TO THE PROPERTY OF THE PROPERT
	Date Extracted: 02/06/2003 10:59
MB: 2003/02/06-01.27-005	
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Compound	Conc.	RL	Un <u>it</u>	Analyzed	Flag
Gasoline	ND	50	ug/L	02/06/2003 10:59	
Benzene	ND	0.5	ug/L	02/06/2003 10:59	
Toluene	ND	0.5	ug/L	02/06/2003 10:59	
Ethylbenzene	ND	0.5	ug/L	02/06/2003 10:59	
Total xylenes	ND	1.0	ug/L	02/06/2003 10:59	
tert-Butyl alcohol (TBA)	ND	100	ug/L	02/06/2003 10:59	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	02/06/2003 10:59	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/06/2003 10:59	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/06/2003 10:59	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/06/2003 10:59	
1,2-DCA	ND	2.0	ug/L	02/06/2003 10:59	
EDB	ND	2.0	ug/L	02/06/2003 10:59	1
Ethanol	ND	500	ug/L	02/06/2003 10:59	
Surrogates(s)					
1,2-Dichloroethane-d4	104.9	76-114	%	02/06/2003 10:59	
Toluene-d8	94.6	88-110	%	02/06/2003 10:59	<u> </u>





Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180299.80

Toluene-d8

Tosco #7124

Received: 01/24/2003 16:10

Site: 10151 East 14th Street

88-110

Oakland, CA

	led Jack Ca Politika	Series consultant of the consultant frequency beautiful	Batch QC Re	port			higher of Higher	oli princifica	arbi yarti	casijaha.
Prep(s): 5030B	n s parent Patrolita Asilitat Sun	ergelija bilas 4. abij 43. julija 18. julija 18. julija 18. julija 18. julija			iaet proje Gajara Marajakij			Tes	t(s): 82	60FAB
Laboratory Control Spike	e	enistėj 1723:191 Ottobers	Water				3 Batch			21.04.61.139
LCS 2003/02/03-01. LCSD 2003/02/03-01.			Extracted: (Extracted: (nowenical film	-0.01 (P. 1987)	Analyze Analyze		ARREST CO. CALL	3 10:18 3 10:41
	Conc.	ug/L	Exp.Conc.	Rec	overy	RPD	Ctrl.Lin	nits %	Fi	ags
Compound	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene Toluene Methyl tert-butyl ether (MTBE)	21.8 21.8	22.3 22.8 21.1	25.0 25.0 25.0	87.2 87.2 84.4	89.2 91.2 84.4	2.3 4.5 0.0	69-129 70-130 65-165			
Surrogates(s) 1,2-Dichloroethane-d4	543	544	500	108.6	108.8		 76-114 88 ₋₁₁₀	i :		

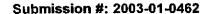
500

483

484

96.8

96.6





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514

501

525

482

Project: 180299.80

1,2-Dichloroethane-d4

Toluene-d8

Tosco #7124

Received: 01/24/2003 16:10

Site: 10151 East 14th Street

76-114

88-110

Oakland, CA

Prep(s): 5030B							i a zameno en en Succiona en en Succiona en en en	Tes	st(s): 82	50FAB
Laboratory Control Spike	er of a		Water			Q	C Batch	# 200	3/02/06	-01,27
LCS 2003/02/06-01. LCSD 2003/02/06-01.	navella en Elimina		Extracted: 0 Extracted: 0				Analyze Analyze			
										
Compound	Conc.	ug/L	Exp.Conc.	Rec	overy	RPD	Ctrl.Lim	nits %	Fla	gs
Compound	Conc.	ug/L LCSD	Exp.Conc.	Rec	overy LCSD	RPD %	Ctrl.Lim	nits %	Fla LCS	gs LCSE
Compound Benzene Toluene Methyl tert-butyl ether (MTBE)	LCS 20.6 22.0		25.0 25.0 25.0 25.0			1		_		

500

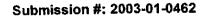
500

102.8

100.2

105.0

96.4





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Oakland, CA

Legend and Notes:

Analysis Flag

0

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

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

sh

Surrogate recovery was higher than QC limit due to matrix interference.