



RECEIVED

2:47 pm, Mar 19, 2009

Alameda County
Environmental Health

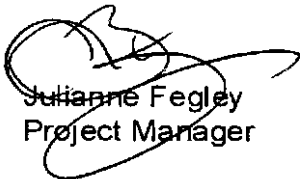
8 December, 1999

Doug Lee
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Tosco

Enclosed are the results of analyses for samples received by the laboratory on 17-Nov-99 17:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,


Julianne Fegley
Project Manager

Store #	2705748	Date:	12/8/99		
Unit #	6419	Code	LAB	Color	<input type="checkbox"/>
Description	LAB RESULTS				

WESTERN REGION BOX: A

#9538





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Report Revised:
08-Dec-99 12:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TPW-1	W911451-01	Water	17-Nov-99 00:00	17-Nov-99 17:45

Sequoia Analytical - Walnut Creek

Juhanne Fegley, Project Manager

This report represents a revision of the original document. The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

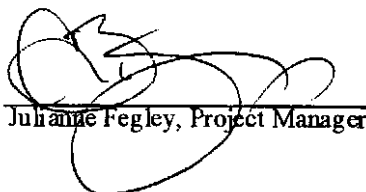
Report Revised:
08-Dec-99 12:44

**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPW-1 (W911451-01) Water Sampled: 17-Nov-99 00:00 Received: 17-Nov-99 17:45									
Methyl tert-butyl ether	130000	1000	ug/l	400	9K18002	18-Nov-99	19-Nov-99	DHS LUFT	
Purgeable Hydrocarbons	ND	10000	"	200	"	"	"	"	"
Benzene	ND	100	"	"	"	"	"	"	"
Toluene	ND	100	"	"	"	"	"	"	"
Ethylbenzene	ND	100	"	"	"	"	"	"	"
Xylenes (total)	ND	100	"	"	"	"	"	"	"
Surrogate: a,a,a-Trifluorotoluene		100 %	70-130		"	"	"	"	"

Sequoia Analytical - Walnut Creek

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Julianne Fegley, Project Manager





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

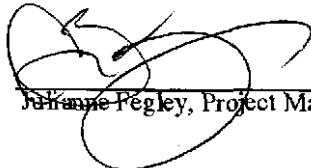
Report Revised:
08-Dec-99 12:44

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Sequoia Analytical - Walnut Creek

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Julianne Pegley, Project Manager



TOSCO

819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Consultant Company: **BETTLER-RYAN INC.** GR#: **14010103** Project Name: **6401 DUBLIN BLVD.**
 Address: **6747 SIERRA COURT, SUITE J** TOSCO Engineer (required) **DAVE DE WITT**
 City: **DUBLIN** State: **CA** Zip Code: **94568** **W911451**
 Telephone: **(925) 551-7555** FAX #: **(925) 551-7988** Site #, City, State: **6419, DUBLIN, CA**
 Report To: **DAUG LEE** Sampler: **DAUG LEE** QC Data: Level D (Standard) Level C Level B Level A

Turnaround Time: 10 Work Days 5 Work Days 3 Work Days 2 Work Days 1 Work Day 2-8 Hours
 Drinking Water Waste Water Other
 Analyses Requested: **TPH (EPA 8015 Mod. Gas)**, **BTEX (EPA 8020)**, **TOTAL CHLORIDE**, **TPH (EPA 8015 Mod. Diesel)**, **Volatile Organics (EPA 8260)**, **MTBE Confirmation (EPA 8260)**, **METALS - AS-CG**, **Cd, Pb, Hg, Ni, Cr, As, Zn**, **TRIBUTYL TIN**, **EPA 610 + PH**

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH (EPA 8015 Mod. Gas)	BTEX (EPA 8020)	TOTAL CHLORIDE	TPH (EPA 8015 Mod. Diesel)	Volatile Organics (EPA 8260)	MTBE Confirmation (EPA 8260)	METALS - AS-CG	Cd, Pb, Hg, Ni, Cr, As, Zn	TRIBUTYL TIN	EPA 610 + PH	Comments
1. TPW-1	11-17-99	H₂O	7	WASTE PLASTIC	OIA-G	X	X	X				X	X	X		2 ppb DETECTION LIMIT FOR ALL EPA 610 ANALYTES
2.																
3.																
4.																MUST HAVE RESULTS FAXED TO GR BY 12-1-99 AT 5:00 AM
5.																
6.																
7.																
8.																
9.																
10.																

Relinquished By: <u>[Signature]</u>	Date: 11-17-99	Time: 17:45	Received By: <u>[Signature]</u>	Date: 11/17/99	Time: 17:45
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____

Were Samples Received in Good Condition? Yes No
 Samples on Ice? Yes No
 Method of Shipment _____
 Page ___ of ___

To be completed upon receipt of report:
 1) Were the analyses requested on the Chain of Custody reported? Yes No If no, what analyses are still needed? _____
 2) Was the report issued within the requested turnaround time? Yes No If no, what was the turnaround time? _____
 Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client
 Yellow - Saminia
 White - Saminia



6 December, 1999

Doug Lee
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Tosco

Enclosed are the results of analyses for samples received by the laboratory on 17-Nov-99 17:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Melissa Brewer
for
Julianne Fegley
Project Manager





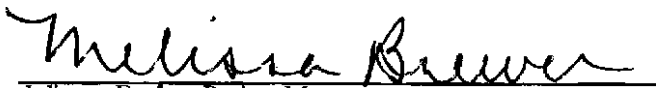

Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TPW-1	W911451-01	Water	17-Nov-99 00:00	17-Nov-99 17:45
TPW-1	W911451-01	Water	17-Nov-99 00:00	17-Nov-99 17:45


Julianne Fegley, Project Manager






Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPW-1 (W911451-01) Water Sampled: 17-Nov-99 00:00 Received: 17-Nov-99 17:45									R-05
Purgeable Hydrocarbons	ND	10000	ug/l	200	9K18002	18-Nov-99	19-Nov-99	DHS LUFT	
Benzene	ND	100	"	"	"	"	"	"	
Toluene	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
Xylenes (total)	ND	100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		100 %		70-130	"	"	"	"	

Melissa Brewer
Julianne Fegley, Project Manager
JF





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

**Total Metals by EPA 200 Series Methods
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPW-1 (W911451-01) Water Sampled: 17-Nov-99 00:00 Received: 17-Nov-99 17:45									
Silver	ND	0.010	mg/l	1	9K29030	29-Nov-99	02-Dec-99	EPA 200.7	
Arsenic	ND	0.10	"	"	"	"	"	"	
Copper	ND	0.010	"	"	"	"	"	"	
Mercury	ND	0.00020	"	"	9K23008	23-Nov-99	23-Nov-99	EPA 7470A	
Cadmium	ND	0.010	"	"	9K29030	29-Nov-99	02-Dec-99	ICP Scan	
Chromium	0.021	0.010	"	"	"	"	"	"	
Lead	ND	0.020	"	"	"	"	"	"	
Nickel	0.053	0.010	"	"	"	"	"	"	
Zinc	0.14	0.020	"	"	"	"	"	"	
Selenium	ND	0.10	"	"	"	"	"	EPA 200.7	

Melissa Brewer
Julianne Fegley, Project Manager
for





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

Conventional Chemistry Parameters by APHA/EPA Methods Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
TPW-1 (W911451-01) Water Sampled: 17-Nov-99 00:00 Received: 17-Nov-99 17:45									
pH	7.2	0.10	pH Units	1	9K18014	17-Nov-99	17-Nov-99	EPA 150.1	

Sequoia Analytical - Walnut Creek

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Melissa Brewer

Julianne Fegley, Project Manager
for





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

Polynuclear Aromatic Hydrocarbons by EPA Method 610 (HPLC)
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPW-1 (W911451-01/TPW-) Water Sampled: 17-Nov-99 00:00 Received: 17-Nov-99 17:45									
Acenaphthene	ND	0.500	ug/l	1	9110588	22-Nov-99	01-Dec-99	EPA 610	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.0571	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Chrysene	ND	0.0500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.200	"	"	"	"	"	"	
Fluoranthene	0.394	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.0555	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
Phenanthrene	ND	0.0500	"	"	"	"	"	"	
Pyrene	0.419	0.0500	"	"	"	"	"	"	
Surrogate: Carbazole		88.8 %	42.0-144		"	"	"	"	
Surrogate: Terphenyl-d14		83.5 %	2.00-146		"	"	"	"	

Melissa Brewer
Julianne Fegley, Project Manager
for





Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Tosco Project Number: Tosco # 6419 Project Manager: Doug Lee	Reported: 06-Dec-99 18:09
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Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPW-1 (W911451-01/TPW-) Water Sampled: 17-Nov-99 00:00 Received: 17-Nov-99 17:45									
Cyanide (total)	ND	0.0100	mg/l	1	9110636	23-Nov-99	23-Nov-99	EPA 335.2	



Julianne Fegley, Project Manager
for





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

**Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9K18002: Prepared 18-Nov-99 Using EPA 5030B [P/T]

Blank (9K18002-BLK1)

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.7		"	30.0		102	70-130			

LCS (9K18002-BS1)

Benzene	22.0	0.50	ug/l	20.0		110	70-130			
Toluene	22.2	0.50	"	20.0		111	70-130			
Ethylbenzene	19.6	0.50	"	20.0		98.0	70-130			
Xylenes (total)	68.5	0.50	"	60.0		114	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	28.8		"	30.0		96.0	70-130			

LCS Dup (9K18002-BSD1)

Benzene	22.0	0.50	ug/l	20.0		110	70-130	0	20	
Toluene	22.1	0.50	"	20.0		111	70-130	0.451	20	
Ethylbenzene	22.6	0.50	"	20.0		113	70-130	14.2	20	
Xylenes (total)	68.7	0.50	"	60.0		114	70-130	0.292	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	31.0		"	30.0		103	70-130			

Sequoia Analytical - Walnut Creek

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Melissa Brewer
Julianne Fegley, Project Manager
JF





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9K23008: Prepared 23-Nov-99 Using EPA 200 Series

Blank (9K23008-BLK1)

Mercury	ND	0.00020	mg/l							
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LCS (9K23008-BS1)

Mercury	0.00225	0.00020	mg/l	0.00200		112	75-125			
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LCS Dup (9K23008-BSD1)

Mercury	0.00232	0.00020	mg/l	0.00200		116	75-125	3.06	20	
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Matrix Spike (9K23008-MS1)

Source: W911456-01

Mercury	0.00273	0.00020	mg/l	0.00200	0.00046	113	75-125			
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Matrix Spike Dup (9K23008-MSD1)

Source: W911456-01

Mercury	0.00295	0.00020	mg/l	0.00200	0.00046	124	75-125	7.75	20	
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Batch 9K29030: Prepared 29-Nov-99 Using 200.7

Blank (9K29030-BLK1)

Arsenic	ND	0.10	mg/l							
Cadmium	ND	0.010	"							
Copper	ND	0.010	"							
Selenium	ND	0.10	"							
Silver	ND	0.010	"							
Chromium	ND	0.010	"							
Lead	ND	0.020	"							
Nickel	ND	0.010	"							
Zinc	ND	0.020	"							

Sequoia Analytical - Walnut Creek

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Melissa Brewer

Julianne Fegley, Project Manager

for





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

Total Metals by EPA 200 Series Methods - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9K29030: Prepared 29-Nov-99 Using 200.7

LCS (9K29030-BS1)

Arsenic	0.958	0.10	mg/l	1.00		95.8	80-120			
Cadmium	0.970	0.010	"	1.00		97.0	80-120			
Copper	1.01	0.010	"	1.00		101	80-120			
Selenium	0.990	0.10	"	1.00		99.0	80-120			
Silver	0.937	0.010	"	1.00		93.7	80-120			
Chromium	0.968	0.010	"	1.00		96.8	80-120			
Lead	0.970	0.020	"	1.00		97.0	80-120			
Nickel	1.01	0.010	"	1.00		101	80-120			
Zinc	0.976	0.020	"	1.00		97.6	80-120			

LCS Dup (9K29030-BSD1)

Arsenic	0.963	0.10	mg/l	1.00		96.3	80-120	0.521	20	
Cadmium	0.982	0.010	"	1.00		98.2	80-120	1.23	20	
Copper	1.02	0.010	"	1.00		102	80-120	0.985	20	
Selenium	0.990	0.10	"	1.00		99.0	80-120	0	20	
Silver	0.937	0.010	"	1.00		93.7	80-120	0	20	
Chromium	0.983	0.010	"	1.00		98.3	80-120	1.54	20	
Lead	0.952	0.020	"	1.00		95.2	80-120	1.87	20	
Nickel	1.01	0.010	"	1.00		101	80-120	0	20	
Zinc	0.989	0.020	"	1.00		98.9	80-120	1.32	20	

Matrix Spike (9K29030-MS1)

Source: W911405-01

Arsenic	0.970	0.10	mg/l	1.00	ND	97.0	80-120			
Cadmium	0.989	0.010	"	1.00	0.0011	98.8	80-120			
Copper	2.45	0.010	"	1.00	1.1	135	80-120			Q-01
Selenium	1.02	0.10	"	1.00	ND	102	80-120			
Silver	0.951	0.010	"	1.00	ND	95.1	80-120			
Chromium	0.993	0.010	"	1.00	0.0060	98.7	80-120			
Lead	0.959	0.020	"	1.00	ND	95.9	80-120			
Nickel	1.03	0.010	"	1.00	0.017	101	80-120			
Zinc	1.58	0.020	"	1.00	0.46	112	80-120			

Sequoia Analytical - Walnut Creek

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Melissa Brewer
Julianne Fegley, Project Manager





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

**Total Metals by EPA 200 Series Methods - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9K29030: Prepared 29-Nov-99 Using 200.7

Matrix Spike Dup (9K29030-MSD1)

Source: W911405-01

Arsenic	0.853	0.10	mg/l	1.00	ND	85.3	80-120	12.8	20	
Cadmium	0.962	0.010	"	1.00	0.0011	96.1	80-120	2.77	20	
Copper	2.57	0.010	"	1.00	1.1	147	80-120	4.78	20	Q-01
Selenium	0.961	0.10	"	1.00	ND	96.1	80-120	5.96	20	
Silver	0.178	0.010	"	1.00	ND	17.8	80-120	137	20	Q-01
Chromium	0.984	0.010	"	1.00	0.0060	97.8	80-120	0.910	20	
Lead	0.932	0.020	"	1.00	ND	93.2	80-120	2.86	20	
Nickel	1.03	0.010	"	1.00	0.017	101	80-120	0	20	
Zinc	1.62	0.020	"	1.00	0.46	116	80-120	2.50	20	

Sequoia Analytical - Walnut Creek

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Melissa Brewer
Julianne Fegley, Project Manager





Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Tosco Project Number: Tosco # 6419 Project Manager: Doug Lee	Reported: 06-Dec-99 18:09
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**Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9K18014: Prepared 17-Nov-99 Using General Preparation

Duplicate (9K18014-DUP1)					Source: W911433-01					
pH	6.8	0.10	pH Units		6.8			0	30	
Duplicate (9K18014-DUP2)					Source: W911405-02					
pH	7.4	0.10	pH Units		7.4			0	30	

Melissa Brewer
Julianne Fegley, Project Manager
JF





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

Polynuclear Aromatic Hydrocarbons by EPA Method 610 (HPLC) - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9110588: Prepared 22-Nov-99 Using EPA 3520B

Blank (9110588-BLK1)

Acenaphthenc	ND	0.500	ug/l							
Acenaphthylene	ND	1.00	"							
Anthracene	ND	0.0500	"							
Benzo (a) anthracene	ND	0.0500	"							
Benzo (b) fluoranthene	ND	0.0500	"							
Benzo (k) fluoranthene	ND	0.0500	"							
Benzo (g,h,i) perylene	ND	0.100	"							
Benzo (a) pyrene	ND	0.0500	"							
Chrysene	ND	0.0500	"							
Dibenz (a,h) anthracene	ND	0.200	"							
Fluoranthene	ND	0.0500	"							
Fluorene	ND	0.100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0500	"							
Naphthalene	ND	0.500	"							
Phenanthrene	ND	0.0500	"							
Pyrene	ND	0.0500	"							
<i>Surrogate: Carbazole</i>	<i>0.889</i>		"	<i>1.00</i>		<i>88.9</i>	<i>42.0-144</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>1.87</i>		"	<i>2.00</i>		<i>93.5</i>	<i>2.00-146</i>			

LCS (9110588-BS1)

Acenaphthene	7.54	0.500	ug/l	10.0		75.4	1.30-124			
Acenaphthylene	14.9	1.00	"	20.0		74.5	1.70-139			
Anthracene	0.822	0.0500	"	1.00		82.2	1.00-126			
Benzo (a) anthracene	0.993	0.0500	"	1.00		99.3	1.00-135			
Benzo (b) fluoranthene	2.02	0.0500	"	2.00		101	1.00-150			
Benzo (k) fluoranthene	1.02	0.0500	"	1.00		102	1.00-159			
Benzo (g,h,i) perylene	1.93	0.100	"	2.00		96.5	1.00-116			
Benzo (a) pyrene	0.961	0.0500	"	1.00		96.1	1.00-128			
Chrysene	1.02	0.0500	"	1.00		102	1.00-199			
Dibenz (a,h) anthracene	1.90	0.200	"	2.00		95.0	2.00-110			
Fluoranthene	1.74	0.0500	"	2.00		87.0	1.50-123			
Fluorene	1.57	0.100	"	2.00		78.5	2.50-142			

Sequoia Analytical - Walnut Creek

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Melissa Brewer
Julianne Fegley, Project Manager
for





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

Polynuclear Aromatic Hydrocarbons by EPA Method 610 (HPLC) - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9110588: Prepared 22-Nov-99 Using EPA 3520B

LCS (9110588-BS1)

Indeno (1,2,3-cd) pyrene	0.975	0.0500	ug/l	1.00		97.5	1.00-116			
Naphthalene	6.89	0.500	"	10.0		68.9	1.30-122			
Phenanthrene	0.841	0.0500	"	1.00		84.1	1.00-155			
Pyrene	0.832	0.0500	"	1.00		83.2	1.00-140			
<i>Surrogate: Carbazole</i>	<i>0.888</i>		"	<i>1.00</i>		<i>88.8</i>	<i>42.0-144</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>1.90</i>		"	<i>2.00</i>		<i>95.0</i>	<i>2.00-146</i>			

LCS Dup (9110588-BSD1)

Acenaphthene	6.94	0.500	ug/l	10.0		69.4	1.30-124	8.29	35.0	
Acenaphthylene	13.4	1.00	"	20.0		67.0	1.70-139	10.6	35.0	
Anthracene	0.755	0.0500	"	1.00		75.5	1.00-126	8.50	35.0	
Benzo (a) anthracene	0.972	0.0500	"	1.00		97.2	1.00-135	2.14	35.0	
Benzo (b) fluoranthene	1.95	0.0500	"	2.00		97.5	1.00-150	3.53	35.0	
Benzo (k) fluoranthene	0.979	0.0500	"	1.00		97.9	1.00-159	4.10	35.0	
Benzo (g,h,i) perylene	1.88	0.100	"	2.00		94.0	1.00-116	2.62	35.0	
Benzo (a) pyrene	0.904	0.0500	"	1.00		90.4	1.00-128	6.11	35.0	
Chrysene	1.01	0.0500	"	1.00		101	1.00-199	0.985	35.0	
Dibenz (a,h) anthracene	1.81	0.200	"	2.00		90.5	2.00-110	4.85	35.0	
Fluoranthene	1.61	0.0500	"	2.00		80.5	1.50-123	7.76	35.0	
Fluorene	1.43	0.100	"	2.00		71.5	2.50-142	9.33	35.0	
Indeno (1,2,3-cd) pyrene	0.932	0.0500	"	1.00		93.2	1.00-116	4.51	35.0	
Naphthalene	6.46	0.500	"	10.0		64.6	1.30-122	6.44	35.0	
Phenanthrene	0.764	0.0500	"	1.00		76.4	1.00-155	9.60	35.0	
Pyrene	0.789	0.0500	"	1.00		78.9	1.00-140	5.31	35.0	
<i>Surrogate: Carbazole</i>	<i>0.812</i>		"	<i>1.00</i>		<i>81.2</i>	<i>42.0-144</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>1.83</i>		"	<i>2.00</i>		<i>91.5</i>	<i>2.00-146</i>			

Sequoia Analytical - Walnut Creek

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Melissa Brewer
Julianne Fegley, Project Manager
for





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9110636: Prepared 23-Nov-99 Using General Preparation										
Blank (9110636-BLK1)										
Cyanide (total)	ND	0.0100	mg/l							
LCS (9110636-BS1)										
Cyanide (total)	0.191	0.0100	mg/l	0.200		95.5	80.0-120			
Matrix Spike (9110636-MS1) Source: W911451-01/TPW-										
Cyanide (total)	0.212	0.0100	mg/l	0.200	ND	106	75.0-125			
Matrix Spike Dup (9110636-MSD1) Source: W911451-01/TPW-										
Cyanide (total)	0.218	0.0100	mg/l	0.200	ND	109	75.0-125	2.79	20.0	

Melissa Brewer
Julianne Pegley, Project Manager
for





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Tosco
Project Number: Tosco # 6419
Project Manager: Doug Lee

Reported:
06-Dec-99 18:09

Notes and Definitions

- Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
- R-05 The reporting limit(s) for this sample have been raised due to high levels of non-target compounds.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference


Julianne Fegley, Project Manager




NO 000400
TOSCO

- 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
- 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
- 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
- 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Consultant Company: **GETTLER-RYAN INC.** GR#: **14010103** Project Name: **6401 DUBLIN BLVD.**
 Address: **6747 SIERRA COURT SUITE J** TOSCO Engineer (required) **DAVE DE WITT**
 City: **DUBLIN** State: **CA** Zip Code: **94568** **W911451**
 Telephone: **(925) 551-7555** FAX #: **(925) 551-7988** Site #, City, State: **6419, DUBLIN, CA**
 Report To: **DAUG LEE** Sampler: **DAUG LEE** QC Data: Level D (Standard) Level C Level B Level A

Turnaround Time: 10 Work Days 5 Work Days 3 Work Days 2 Work Days 1 Work Day 2-8 Hours
 CODE: Misc. Detect. Eval. Remed. Demol. Closure Other

Analyses Requested
 Drinking Water
 Waste Water
 Other

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Analyses Requested										Comments
						TPH (EPA 8015 Mod. Gas)	BTEX (EPA 8220)	TPH (EPA 8015 Mod. Diesel)	Volatiles Organics (EPA 8260)	MTBE Confirmation (EPA 8260)	METALS - AS-CG-CG	CU, PB, Hg, Ni, S, B, Zn	TRIBUTYL TIN	EPA GIO + PH		
1. TAW-1	11-17-99	H ₂ O	7	WAS/D PLASTIC	OIA-G	X	X	X				X	X	X	2ppb DETECTION LIMIT FOR ALL EPA GIO ANALYTES	
2.															MUST HAVE RESULTS FAXED TO GR BY 12-1-99 AT 5:00 PM	
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

Relinquished By: <u>[Signature]</u>	Date: 11-17-99	Time: 17:45	Received By: <u>[Signature]</u>	Date: 11/17/99	Time: 17:45
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____

Were Samples Received in Good Condition? Yes No Samples on Ice? Yes No Method of Shipment _____ Page ___ of ___

To be completed upon receipt of report:
 1) Were the analyses requested on the Chain of Custody reported? Yes No If no, what analyses are still needed? _____
 2) Was the report issued within the requested turnaround time? Yes No If no, what was the turnaround time? _____
 Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client
 Yellow - Sequoia
 White - Sequoia