Form R-149: Authorization for Receipt of Remediation Wastewater to Tosco's San Francisco Refinery at Rodeo

WASTEWATER TREATMENT PLANT (UNIT 100) OPERATORS:
This form below, if approved, serves as an acceptance document to process the wastewater at the San Francisco Refinery Wastewater Treatment Plant, Unit 100. The Requester is required to supply all of the necessary analytical and completely fill out the following table:

Requester's Name/Signature:	Name: David DeWitt	Signature: David B. DeWitt
Company:	Tosco Corporation	2-19-02
Address:	2000 Crow Canyon Pl., Suite 400, San Ramon, CA	
Telephone/Fax:	Phone: 925-277-2384	FAX: 925-277-2361
Station No. and Location:	Tosco Unit # 5325, 3200 Lakeshore Ave., Oakland, CA	
Description of Water Source:	Tank pit purge water	
Volume of Water/Solids Expected:	Water: 5,000 gallons	Solids: minimal
Total Expected Volume/Frequency	Volume: 250,000 gal/year maximum	Frequency: weekly
Pesticides/Fish Toxicity Expected:	Pesticides: Yes (No)	Fish Tox: Yes (No)
Maximum Rate of Disposal (ESD)	5000	Gallons per Week

The remediation wastewater described above has been reviewed for Federal and California Hazardous Waste characteristics.

This water is *(circle one):* (recommended) / **not recommended for processing at the WWTP.**

This form is valid until: 2/22/03

ESD Signature: [signature] **Date Recommended:** 2/22/02

Operations Signature: [signature] **Date Approved:** 2/26/02

TRUCK DRIVERS: Please provide a copy of this R-149 form upon delivery of wastewater to Unit 100.

Driver's info:

Truck No. _____	**pH at site** _____

UNIT 100 OPERATORS: Please fill out the portion below and forward this completed form to ESD in Room 110 of the Administration Building.

Date and time of delivery:	**Delivered on:** ____/____/____	@ _____ **AM / PM**
Volume delivered:	_____**gallons** or _____**bbl.**	**pH** _____

COMMENTS: **No free product accepted. Gravity off-load only.**

Any questions? Call (510) 245-4403, (510); 245-4465 or FAX (510) 245-4476.
ONYX/Mark Laliberte: FAX: (707) 745-0510; DIRECT: (707) 748-3722; CELL: (510) 715-6532

WESTERN REGION BOX:

9509

Store # 255325 Date: 2/26/02
Unit # 5325 Code: LAB Color ☐
Description: R149 ADD LAB RESULTS

ENVIRONMENTAL REVIEW ON WASTE WATER TO UNIT 100

Process / Wastewater For Disposal to Unit 100

Who	David DeWitt
Site	Tosco Unit # 5325, 3200 Lakeshore Ave.
Loc.	Oakland, CA

Unit 100 Feed Rate [MGD] = 2.00

Marketing fills in yellow cells for each request		Date of request:	2/19/02
Enter test date or leave blank (generator knowledge)		Gallons total request	250,000
Grey cell data by SFR request or agreement		Max gallons delivered per week	5,000
Green cells autocalculate		Weeks required	50
Completed by ESD		Solids expected?	minimal

Water Description: **Tank pit purge water**

Remediation volume (MGD, million gallons per day): **0.00500**

	Eff. Limit [mg/L]	Limit [kg/day]	HW [mg/L]		Conc [mg/L]	Loading [kg/day]	U100 [mg/L]
Arsenic	0.2		5	<	0.1	0.000	0.0000
Cadmium	0.03		1	<	0.01	0.000	0.0000
Chromium	0.110	0.21	5	<	0.01	0.000	0.0000
Copper	0.037	0.176	25	<	0.01	0.000	0.0000
Lead	0.053		5	<	0.075	0.000	0.0000
Mercury	0.0002		0.2	<	0.0002	0.00000	0.00000
Nickel	0.065		20	<	0.03	0.000	0.0000
Selenium	0.4		1	<	0.1	0.000	0.0000
Silver	0.023		5	<	0.007	0.000	0.0000
Vanadium	*1*		24	<	0.01	0.000	0.0000
Zinc	0.58		250	<	0.033	0.000	0.0000
MTBE	none	453.7205082		<	3.8	0.000	0.0000
Benzene *	0.21	n/a	0.5*	<	0.025	0.00	0.000
Bioassay [LC-50]			>500 ppm		passed 4-19-99		
Pesticides	0.00046	n/a	n/a		passed 2-15-02		
pH (corrosivity)	6 - 8		2.1 <pH>12.4		6.8		
Reactive Sulfide			500		50		
Flash point			>60 C (>140 F)	>	60 C		
Reactive CN			250		10		
TPH						0.00	0.00
Sulfide	0.31	2		<	0.1	0.00	0.00
Cyanides	0.025			<	0.01	0.00	0.000
O&G	8	115				0.00	0.00
PCBs						0.00	0.00
Phenol	10					0.00	0.00
TCDD	1.4E-10					0.00	0.00
PAH	0.00049					0.00	0.00

* Previous data contained 8240/8260 analytical results

ESD recommended on:

Authorization approved thru:

* 0.5 ppm benzene criteria does not apply to remediation waste water (such waste is exempt). See correspondence in WCR Files. However, off-site non-remediation waste water are subject to the criteria (e.g., contaminated rainwater, tank draws, etc).

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

15 February, 2002

Clyde Galantine
Gettler - Ryan Inc.
1364 North Mc Dowell Blvd., Suite B2
Petaluma, CA 94954-1116

RE: TOSCO/PHILLIPS
Sequoia Work Order: P201507

Enclosed are the results of analyses for samples received by the laboratory on 01/30/02 17:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michelle M. Wiita

Michelle M. Wiita For Angelee Cari
Client Services Representative

CA ELAP Certificate #2374

8081 OK
8260B wells

5325
Lakeshore
Oakland, CA

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Gettler - Ryan Inc.	Project: TOSCO/PHILLIPS	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CC-1	P201507-01	Water	01/30/02 07:30	01/30/02 17:45

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45									
Mercury	ND	0.20	ug/l	1	2010635	02/04/02	02/05/02	EPA 7470A	
Antimony	ND	60	"	"	2010633	02/05/02	02/09/02	EPA 6010B	
Arsenic	ND	100	"	"	"	"	"	"	
Barium	**250**	10	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	10	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	7.0	"	"	"	"	"	"	
Copper	ND	10	"	"	"	"	"	"	
Lead	ND	75	"	"	"	"	"	"	
Molybdenum	ND	20	"	"	"	"	"	"	
Nickel	ND	30	"	"	"	"	"	"	
Selenium	ND	100	"	"	"	"	"	"	
Silver	ND	7.0	"	"	"	"	"	"	
Thallium	ND	100	"	"	"	"	"	"	
Vanadium	ND	10	"	"	"	"	"	"	
Zinc	**33**	20	"	"	"	"	"	"	

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Organochlorine Pesticides by EPA Method 8081A

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45									
Aldrin	ND	0.050	ug/l	1	2010654	01/31/02	02/12/02	EPA 8081A	
alpha-BHC	ND	0.050	"	"	"	"	"	"	
beta-BHC	ND	0.050	"	"	"	"	"	"	
delta-BHC	ND	0.050	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	0.050	"	"	"	"	"	"	
Chlordane (tech)	ND	1.0	"	"	"	"	"	"	
4,4'-DDD	ND	0.050	"	"	"	"	"	"	
4,4'-DDE	ND	0.050	"	"	"	"	"	"	
4,4'-DDT	ND	0.050	"	"	"	"	"	"	
Dieldrin	ND	0.050	"	"	"	"	"	"	
Endosulfan I	ND	0.050	"	"	"	"	"	"	
Endosulfan II	ND	0.050	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.050	"	"	"	"	"	"	
Endrin	ND	0.050	"	"	"	"	"	"	
Endrin aldehyde	ND	0.10	"	"	"	"	"	"	
Heptachlor	ND	0.050	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.050	"	"	"	"	"	"	
Methoxychlor	ND	0.10	"	"	"	"	"	"	
Toxaphene	ND	1.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*75 %*		*10-119*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*92 %*		*10-139*	"	"	"	"	

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1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45									
Acetone	ND	5000	ug/l	500	2020073	02/04/02	02/05/02	EPA 8260B	
Benzene	ND	500	"	"	"	"	"	"	
Bromobenzene	ND	500	"	"	"	"	"	"	
Bromochloromethane	ND	500	"	"	"	"	"	"	
Bromodichloromethane	ND	500	"	"	"	"	"	"	
Bromoform	ND	500	"	"	"	"	"	"	
Bromomethane	ND	500	"	"	"	"	"	"	
2-Butanone	ND	5000	"	"	"	"	"	"	
n-Butylbenzene	ND	500	"	"	"	"	"	"	
sec-Butylbenzene	ND	500	"	"	"	"	"	"	
tert-Butylbenzene	ND	500	"	"	"	"	"	"	
Carbon disulfide	ND	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	500	"	"	"	"	"	"	
Chlorobenzene	ND	500	"	"	"	"	"	"	
Chloroethane	ND	500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	5000	"	"	"	"	"	"	
Chloroform	ND	500	"	"	"	"	"	"	
Chloromethane	ND	500	"	"	"	"	"	"	
2-Chlorotoluene	ND	500	"	"	"	"	"	"	
4-Chlorotoluene	ND	500	"	"	"	"	"	"	
Dibromochloromethane	ND	500	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	500	"	"	"	"	"	"	
Dibromomethane	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45									
trans-1,3-Dichloropropene	ND	500	ug/l	500	2020073	02/04/02	02/05/02	EPA 8260B	
Ethylbenzene	ND	500	"	"	"	"	"	"	
Freon 113	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
2-Hexanone	ND	5000	"	"	"	"	"	"	
Isopropylbenzene	ND	500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	500	"	"	"	"	"	"	
Methylene chloride	ND	500	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5000	"	"	"	"	"	"	
Methyl tert-butyl ether	**3800**	500	"	"	"	"	"	"	
Naphthalene	ND	500	"	"	"	"	"	"	
n-Propylbenzene	ND	500	"	"	"	"	"	"	
Styrene	ND	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
Tetrachloroethene	ND	500	"	"	"	"	"	"	
Toluene	ND	500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	500	"	"	"	"	"	"	
Trichloroethene	ND	500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	500	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
Vinyl acetate	ND	10000	"	"	"	"	"	"	
Vinyl chloride	ND	500	"	"	"	"	"	"	
m,p-Xylene	ND	500	"	"	"	"	"	"	
o-Xylene	ND	500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*118 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*108 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*		*86-119*	"	"	"	"	

J flag data

Gettler - Ryan Inc.	Project: TOSCO/PHILLIPS	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/19/02 11:41

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45										
Acetone	ND	900	5000	ug/l	500	2020073	02/04/02	02/05/02	EPA 8260B	
Benzene	ND	25	500	"	"	"	"	"	"	
Bromobenzene	ND	35	500	"	"	"	"	"	"	
Bromochloromethane	ND	25	500	"	"	"	"	"	"	
Bromodichloromethane	ND	25	500	"	"	"	"	"	"	
Bromoform	ND	55	500	"	"	"	"	"	"	
Bromomethane	ND	190	500	"	"	"	"	"	"	
2-Butanone	ND	350	5000	"	"	"	"	"	"	
n-Butylbenzene	ND	55	500	"	"	"	"	"	"	
sec-Butylbenzene	ND	45	500	"	"	"	"	"	"	
tert-Butylbenzene	ND	50	500	"	"	"	"	"	"	
Carbon disulfide	ND	680	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	30	500	"	"	"	"	"	"	
Chlorobenzene	ND	35	500	"	"	"	"	"	"	
Chloroethane	ND	55	500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	680	5000	"	"	"	"	"	"	
Chloroform	ND	35	500	"	"	"	"	"	"	
Chloromethane	ND	70	500	"	"	"	"	"	"	
2-Chlorotoluene	ND	55	500	"	"	"	"	"	"	
4-Chlorotoluene	ND	60	500	"	"	"	"	"	"	
Dibromochloromethane	ND	30	500	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	140	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	20	500	"	"	"	"	"	"	
Dibromomethane	ND	45	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	55	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	65	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	55	500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	45	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	20	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	40	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	30	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	45	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	45	500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	35	500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	45	500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	95	500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	35	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	500	"	"	"	"	"	"	

Gettler - Ryan Inc.	Project: TOSCO/PHILLIPS	
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Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45										
trans-1,3-Dichloropropene	ND	35	500	ug/l	500	2020073	02/04/02	02/05/02	EPA 8260B	
Ethylbenzene	ND	50	500	"	"	"	"	"	"	
Freon 113	ND	25	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	80	500	"	"	"	"	"	"	
2-Hexanone	ND	480	5000	"	"	"	"	"	"	
Isopropylbenzene	ND	50	500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	55	500	"	"	"	"	"	"	
Methylene chloride	ND	30	500	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	540	5000	"	"	"	"	"	"	
Methyl tert-butyl ether	**3800**	40	500	"	"	"	"	"	"	
Naphthalene	ND	50	500	"	"	"	"	"	"	
n-Propylbenzene	ND	55	500	"	"	"	"	"	"	
Styrene	ND	45	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	85	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	40	500	"	"	"	"	"	"	
Tetrachloroethene	ND	40	500	"	"	"	"	"	"	
Toluene	ND	35	500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	60	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25	500	"	"	"	"	"	"	
Trichloroethene	ND	30	500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	35	500	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	55	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	55	500	"	"	"	"	"	"	
Vinyl acetate	ND	820	10000	"	"	"	"	"	"	
Vinyl chloride	ND	30	500	"	"	"	"	"	"	
m,p-Xylene	ND	100	500	"	"	"	"	"	"	
o-Xylene	ND	35	500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*84-122*			"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*74-135*			"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*84-119*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*86-119*			"	"	"	"	

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Gettler - Ryan Inc.	Project: TOSCO/PHILLIPS	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45									
Cyanide (total)	ND	10	ug/l	1	2020257	02/13/02	02/13/02	EPA 335.2	
Sulfide	ND	100	"	"	2020061	02/04/02	02/04/02	EPA 376.2	

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1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Physical Parameters by APHA/ASTM/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-1 (P201507-01) Water Sampled: 01/30/02 07:30 Received: 01/30/02 17:45									
Corrosivity	**6.8**	2.0	pH Units	1	2020069	01/30/02	01/30/02	EPA 9045B	
Ignitability by Flashpoint	ND	20	°C	"	2020239	02/11/02	02/11/02	EPA 1010	F-01
Reactivity in Water	ND	1.0	N/A	"	2020046	02/04/02	02/04/02	EPA Chapter 7	
Reactive Cyanide	ND	10000	ug/l	"	"	"	"	SW846 Ch. 7.3	
Reactive Sulfide	ND	50000	"	"	"	"	"	SW846 Ch 7.3	

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2010633 - EPA 3010A										
Blank (2010633-BLK1)				Prepared: 02/05/02 Analyzed: 02/08/02						
Antimony	ND	60	ug/l							
Arsenic	ND	100	"							
Barium	ND	10	"							
Beryllium	ND	1.0	"							
Cadmium	ND	10	"							
Chromium	ND	10	"							
Cobalt	ND	7.0	"							
Copper	ND	10	"							
Lead	ND	75	"							
Molybdenum	ND	20	"							
Nickel	ND	30	"							
Selenium	ND	100	"							
Silver	ND	7.0	"							
Thallium	ND	100	"							
Vanadium	ND	10	"							
Zinc	ND	20	"							
LCS (2010633-BS1)				Prepared: 02/05/02 Analyzed: 02/08/02						
Antimony	521	60	ug/l	500		104	80-120			
Arsenic	560	100	"	500		112	80-120			
Barium	553	10	"	500		111	80-120			
Beryllium	55.2	1.0	"	50.0		110	80-120			
Cadmium	55.1	10	"	50.0		110	80-120			
Chromium	556	10	"	500		111	80-120			
Cobalt	545	7.0	"	500		109	80-120			
Copper	544	10	"	500		109	80-120			
Lead	555	75	"	500		111	80-120			
Molybdenum	541	20	"	500		108	80-120			
Nickel	554	30	"	500		111	80-120			
Selenium	560	100	"	500		112	80-120			
Silver	53.7	7.0	"	50.0		107	80-120			
Thallium	554	100	"	500		111	80-120			
Vanadium	552	10	"	500		110	80-120			
Zinc	517	20	"	500		103	80-120			

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2010633 - EPA 3010A										
Matrix Spike (2010633-MS1)	**Source: P201474-01**			Prepared: 02/05/02		Analyzed: 02/08/02				
Antimony	522	60	ug/l	500	ND	104	75-125			
Arsenic	566	100	"	500	ND	113	75-125			
Barium	776	10	"	500	240	107	75-125			
Beryllium	54.8	1.0	"	50.0	ND	109	75-125			
Cadmium	51.3	10	"	50.0	ND	103	75-125			
Chromium	540	10	"	500	ND	107	75-125			
Cobalt	526	7.0	"	500	ND	105	75-125			
Copper	547	10	"	500	13	107	75-125			
Lead	540	75	"	500	ND	108	75-125			
Molybdenum	536	20	"	500	ND	107	75-125			
Nickel	544	30	"	500	ND	109	75-125			
Selenium	552	100	"	500	ND	110	75-125			
Silver	50.3	7.0	"	50.0	ND	101	75-125			
Thallium	542	100	"	500	ND	108	75-125			
Vanadium	541	10	"	500	ND	108	75-125			
Zinc	544	20	"	500	38	101	75-125			
Matrix Spike Dup (2010633-MSD1)	**Source: P201474-01**			Prepared: 02/05/02		Analyzed: 02/08/02				
Antimony	528	60	ug/l	500	ND	106	75-125	1	20	
Arsenic	578	100	"	500	ND	116	75-125	2	20	
Barium	774	10	"	500	240	107	75-125	0.3	20	
Beryllium	54.6	1.0	"	50.0	ND	109	75-125	0.4	20	
Cadmium	53.8	10	"	50.0	ND	108	75-125	5	20	
Chromium	538	10	"	500	ND	107	75-125	0.4	20	
Cobalt	521	7.0	"	500	ND	104	75-125	1	20	
Copper	545	10	"	500	13	106	75-125	0.4	20	
Lead	554	75	"	500	ND	111	75-125	3	20	
Molybdenum	530	20	"	500	ND	106	75-125	1	20	
Nickel	539	30	"	500	ND	108	75-125	0.9	20	
Selenium	552	100	"	500	ND	110	75-125	0	20	
Silver	51.5	7.0	"	50.0	ND	103	75-125	2	20	
Thallium	537	100	"	500	ND	107	75-125	0.9	20	
Vanadium	540	10	"	500	ND	108	75-125	0.2	20	
Zinc	545	20	"	500	38	101	75-125	0.2	20	

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1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2010635 - EPA 7470A										
Blank (2010635-BLK1)				Prepared: 02/04/02 Analyzed: 02/05/02						
Mercury	ND	0.20	ug/l							
LCS (2010635-BS1)				Prepared: 02/04/02 Analyzed: 02/05/02						
Mercury	1.60	0.20	ug/l	1.60		100	80-120			
Matrix Spike (2010635-MS1)		**Source: P201503-01**		Prepared: 02/04/02 Analyzed: 02/05/02						
Mercury	1.18	0.20	ug/l	1.60	ND	74	75-125			QM-07
Matrix Spike Dup (2010635-MSD1)		**Source: P201503-01**		Prepared: 02/04/02 Analyzed: 02/05/02						
Mercury	1.17	0.20	ug/l	1.60	ND	73	75-125	0.9	20	QM-07

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2010654 - EPA 3510C										
Blank (2010654-BLK1)				Prepared: 01/31/02 Analyzed: 02/12/02						
Aldrin	ND	0.050	ug/l							
alpha-BHC	ND	0.050	"							
beta-BHC	ND	0.050	"							
delta-BHC	ND	0.050	"							
gamma-BHC (Lindane)	ND	0.050	"							
Chlordane (tech)	ND	1.0	"							
4,4'-DDD	ND	0.050	"							
4,4'-DDE	ND	0.050	"							
4,4'-DDT	ND	0.050	"							
Dieldrin	ND	0.050	"							
Endosulfan I	ND	0.050	"							
Endosulfan II	ND	0.050	"							
Endosulfan sulfate	ND	0.050	"							
Endrin	ND	0.050	"							
Endrin aldehyde	ND	0.10	"							
Heptachlor	ND	0.050	"							
Heptachlor epoxide	ND	0.050	"							
Methoxychlor	ND	0.10	"							
Toxaphene	ND	1.0	"							
Surrogate: Tetrachloro-meta-xylene	*1.27*		"	*2.00*		*64*	*10-119*			
Surrogate: Decachlorobiphenyl	*0.706*		"	*2.00*		*35*	*10-139*			
LCS (2010654-BS1)				Prepared: 01/31/02 Analyzed: 02/12/02						
Aldrin	0.636	0.050	ug/l	1.00		64	44-120			
gamma-BHC (Lindane)	1.00	0.050	"	1.00		100	64-132			
4,4'-DDT	1.04	0.050	"	1.00		104	66-143			
Dieldrin	0.990	0.050	"	1.00		99	71-122			
Endrin	1.16	0.050	"	1.00		116	75-120			
Heptachlor	0.855	0.050	"	1.00		86	44-115			
Surrogate: Tetrachloro-meta-xylene	*1.45*		"	*2.00*		*72*	*10-119*			
Surrogate: Decachlorobiphenyl	*0.935*		"	*2.00*		*47*	*10-139*			

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2010654 - EPA 3510C										
LCS Dup (2010654-BSD1)				Prepared: 01/31/02 Analyzed: 02/12/02						
Aldrin	0.672	0.050	ug/l	1.00		67	44-120	6	35	
gamma-BHC (Lindane)	0.930	0.050	"	1.00		93	64-132	7	35	
4,4'-DDT	1.04	0.050	"	1.00		104	66-143	0	35	
Dieldrin	0.959	0.050	"	1.00		96	71-122	3	35	
Endrin	1.13	0.050	"	1.00		113	75-120	3	35	
Heptachlor	0.828	0.050	"	1.00		83	44-115	3	35	
Surrogate: Tetrachloro-meta-xylene	*1.40*		"	*2.00*		*70*	*10-119*			
Surrogate: Decachlorobiphenyl	*0.788*		"	*2.00*		*39*	*10-139*			

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1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020073 - EPA 5030 waters										
Blank (2020073-BLK1)				Prepared & Analyzed: 02/04/02						
Acetone	ND	10	ug/l							
Benzene	ND	1.0	"							
Bromobenzene	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
2-Butanone	ND	10	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon disulfide	ND	10	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
2-Chloroethylvinyl ether	ND	10	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							

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1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020073 - EPA 5030 waters										
Blank (2020073-BLK1)				Prepared & Analyzed: 02/04/02						
1,3-Dichloropropene	ND	1.0	ug/l							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Freon 113	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
2-Hexanone	ND	10	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
4-Methyl-2-pentanone	ND	10	"							
Methyl tert-butyl ether	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Toluene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	20	"							
Vinyl chloride	ND	1.0	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	1.0	"							
Surrogate: Dibromofluoromethane	*5.26*		"	*5.00*		*105*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.24*		"	*5.00*		*105*	*74-135*			
Surrogate: Toluene-d8	*4.99*		"	*5.00*		*100*	*84-119*			

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1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020073 - EPA 5030 waters										
Blank (2020073-BLK1)				Prepared & Analyzed: 02/04/02						
Surrogate: 4-Bromofluorobenzene	*4.72*		*ug/l*	*5.00*		*94*	*86-119*			
LCS (2020073-BS1)				Prepared & Analyzed: 02/04/02						
Benzene	4.96	1.0	ug/l	5.00		99	81-118			
Chlorobenzene	5.01	1.0	"	5.00		100	88-119			
1,1-Dichloroethene	4.34	1.0	"	5.00		87	77-121			
Toluene	4.73	1.0	"	5.00		95	84-119			
Trichloroethene	5.48	1.0	"	5.00		110	83-126			
Surrogate: Dibromofluoromethane	*5.25*		"	*5.00*		*105*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.30*		"	*5.00*		*106*	*74-135*			
Surrogate: Toluene-d8	*5.10*		"	*5.00*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.79*		"	*5.00*		*96*	*86-119*			
Matrix Spike (2020073-MS1)	**Source: P201499-01**			Prepared & Analyzed: 02/04/02						
Benzene	4.89	1.0	ug/l	5.00	ND	97	81-118			
Chlorobenzene	5.00	1.0	"	5.00	ND	100	88-119			
1,1-Dichloroethene	4.64	1.0	"	5.00	ND	93	77-121			
Toluene	4.66	1.0	"	5.00	ND	92	84-119			
Trichloroethene	5.47	1.0	"	5.00	ND	109	83-126			
Surrogate: Dibromofluoromethane	*5.35*		"	*5.00*		*107*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.28*		"	*5.00*		*106*	*74-135*			
Surrogate: Toluene-d8	*4.87*		"	*5.00*		*97*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.77*		"	*5.00*		*95*	*86-119*			
Matrix Spike Dup (2020073-MSD1)	**Source: P201499-01**			Prepared & Analyzed: 02/04/02						
Benzene	5.14	1.0	ug/l	5.00	ND	102	81-118	5	20	
Chlorobenzene	5.13	1.0	"	5.00	ND	103	88-119	3	20	
1,1-Dichloroethene	4.68	1.0	"	5.00	ND	94	77-121	0.9	20	
Toluene	4.99	1.0	"	5.00	ND	98	84-119	7	20	
Trichloroethene	5.51	1.0	"	5.00	ND	110	83-126	0.7	20	
Surrogate: Dibromofluoromethane	*5.28*		"	*5.00*		*106*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.28*		"	*5.00*		*106*	*74-135*			

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Gettler - Ryan Inc.	Project: TOSCO/PHILLIPS	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020073 - **EPA 5030 waters**										
Matrix Spike Dup (**2020073-MSD1**)	**Source: P201499-01**			Prepared & Analyzed: 02/04/02						
Surrogate: Toluene-d8	*5.08*		*ug/l*	*5.00*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.67*		*"*	*5.00*		*93*	*86-119*			

Sequoia Analytical

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Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

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 2020061 - General Preparation										
Blank (2020061-BLK1)				Prepared & Analyzed: 02/04/02						
Sulfide	ND	100	ug/l							
LCS (2020061-BS1)				Prepared & Analyzed: 02/04/02						
Sulfide	1000	100	ug/l	989		101	80-120			
Duplicate (2020061-DUP1)	**Source: P201474-01**			Prepared & Analyzed: 02/04/02						
Sulfide	200	100	ug/l		200			0	20	
Batch 2020257 - General Preparation										
Blank (2020257-BLK1)				Prepared: 02/12/02 Analyzed: 02/13/02						
Cyanide (total)	ND	10	ug/l							
LCS (2020257-BS1)				Prepared: 02/12/02 Analyzed: 02/13/02						
Cyanide (total)	177	10	ug/l	200		88	80-120			
Matrix Spike (2020257-MS1)	**Source: P202214-02**			Prepared: 02/12/02 Analyzed: 02/13/02						
Cyanide (total)	192	10	ug/l	204	ND	92	75-125			
Matrix Spike Dup (2020257-MSD1)	**Source: P202214-02**			Prepared: 02/12/02 Analyzed: 02/13/02						
Cyanide (total)	203	10	ug/l	204	ND	97	75-125	6	20	

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[illegible] - Ryan Inc.	Project: TOSCO/PHILLIPS	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020046 - None										
Blank (2020046-BLK1)				Prepared & Analyzed: 02/04/02						
Reactive Cyanide	ND	10000	ug/l							
Reactive Sulfide	ND	50000	"							
Reactivity in Water	ND	1.0	N/A							
LCS (2020046-BS1)				Prepared & Analyzed: 02/04/02						
Reactive Cyanide	431000	10000	ug/l	1000000		43	5-120			
LCS (2020046-BS2)				Prepared & Analyzed: 02/04/02						
Reactive Sulfide	473000	50000	ug/l	780000		61	5-120			
Batch 2020069 - General Preparation										
Duplicate (2020069-DUP1)		**Source: P201503-01**		Prepared & Analyzed: 01/30/02						
Corrosivity	7.52	2.0	pH Units		7.4			2	20	

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Gettler - Ryan Inc.	Project: TOSCO/PHILLIPS	
2364 North Mc Dowell Blvd., Suite B2	Project Number: 5325/Oakland, Ca.	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Clyde Galantine	02/15/02 16:32

Notes and Definitions

F-01	The sample flash point is greater than 60 °C (140 °F).
QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

№ 008140

TOSCO

☐ 885 Jarvis Drive • Morgan Hill, CA 95037 • (408) 776-9600 • FAX (408) 782-6308
☐ 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	Tosco Engineer: Dave DeWitt
Address: 1364 N McDowell Blvd Suite B2	Site #: 5325
City: Petaluma State: CA Zip Code: 94954	Site Address: 3200 ~~Lakeside Dr~~ Lakeshore Ave
Telephone: (707) 789-3255 Fax #: 707 789-3218	City, State: Oakland CA
Report To: Clyde Galantine Sampler: Clyde Galantine	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

Project Coding: 140123.01

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg/BTEX/MTBE	TPH Diesel (8015)	8021 ~~HOC (418.1)~~	~~Oxygenates (8260)~~ Oxy's Only (8260)	Oxygenates (6)+ EDB 1,2 DCA (8260)	CAM 17 Metals	RCI	Total Cyanide	Total Sulfide by 376.2	Comments
1. CC-1	1/30/02 7:30	H2O	9	VOA amber plastic	201507-01		X	X		X	X	X	X		
2.															
3.															
4.															
5.															
6.	COOLER CUSTODY SEALS INTACT ☐														
7.	NOT INTACT ☐														
8.	COOLER TEMPERATURE 4.2 °C														
9.															
10.															

Relinquished By:	Date: 1/30/02	Time: 17:50	Received By:	Date: 1-30-02	Time: 1745
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