

### **RECEIVED**

10:32 am, Apr 02, 2009

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

12 June, 2003

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

RE: TOSCO/PHILLIPS Work Order: P305608

Stay P. How

Enclosed are the results of analyses for samples received by the laboratory on 05/30/03 17:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stacy P. Hoch For Angelee Cari Project Manager

CA ELAP Certificate #2374

WESTERN REGION BOX:

9509 -

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255325 Valeshore Oakland.



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Gettler - Ryan Inc.

1364 North Mc Dowell Blvd., Suite B2

Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA.

Project Manager: Dave Vossler

P305608

Reported: 06/12/03 16:16

### ANALYTICAL REPORT FOR SAMPLES

Sample 1D	Laboratory ID	Matrix	Date Sampled	Date Received
WS-1	P305608-01	Water	05/30/03 11:30	05/30/03 17:35





1364 North Mc Dowell Blvd., Suite B2

Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA. Project Manager: Dave Vossler P305608 Reported: 06/12/03 16:16

### Dissolved Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution_	Batch	Prepared	Analyzed	Method	Notes
WS-1 (P305608-01) Water	Sampled: 05/30/03 11:30	Received: 05	/30/03 11	7:35					
Mercury	ND	0.20	ug/l	l	3050755	06/03/03	06/04/03	EPA 7470A	
Antimony	ND	60	#	n	3060100	06/06/03	06/06/03	EPA 6010B	
Arsenic	ND	100	**	**	**	u	**	n	
Barium	150	10	**	77	**	n	11	n	
Beryllium	ND	1.0	*1	11	**	4	**	11	
Cadmium	ND	10	a	"	II .	"	**	н	
Chromium	ND	10	"	"	II .	"	**	**	
Cobalt	7.7	7.0	п	ıı	п	H	**	н	
Copper	ND	10	U	II	п	n	Ħ	n	
Lead	ND	75	и	п	n	Ħ	11	н	
Molybdenum	ND	20	n	IJ	ij	n	19	м	
Nickel	ND	30	n	11	U	#	**	#1	
Selenium	ND	100	n	n	n	**	g g	et .	
Silver	ND	7.0	H	n	n	u	u	a	
Thallium	ND	100	10	11	п	a a	u u	u	
Vanadium	ND	10	н	11	н	**	II .	a a	
Zinc	ND	20	**	#1	"	**	II .	n	





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Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA. Project Manager: Dave Vossler P305608 Reported: 06/12/03 16:16

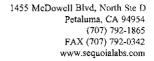
### Volatile Organic Compounds by EPA Method 8260B

### Sequoia Analytical - Petaluma

A = 14=	рь	Reporting	1 t=:	Diladi	13-4-L	n '	Ah 1	Na - ab - ad	Mari
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WS-1 (P305608-01) Water	Sampled: 05/30/03 11:30	Received: 05	3/30/03 17	7:35					
Acetone	ND	250	ug/l	25	3060150	06/06/03	06/06/03	EPA 8260B	
Benzene	ND	25	ц	ч	ч	11	П	n	
Bromobenzene	ND	25	u	u	11	a	11	П	
Bromochloromethane	ND	25	"	"		ıı .	11	Ш	
Bromodichloromethane	ND	25	n	"	"	a	11	ш	
Bromoform	ND	25	"	"	11	u	Н	Н	
Bromomethane	ND	25	"	n	n	"	0	II.	
2-Butanone	ND	250	"	"	1)	"	н	П	
n-Butylbenzene	ND	25	"	"	"	"	н	П	
sec-Butylbenzene	ND	25	"	"	"	"	11	ıı	
tert-Butylbenzene	ND	25	n	PT .	n		"	11	
Carbon disulfide	ND	250	п	rt	Ħ	**	u	ü	
Carbon tetrachloride	ND	25	Ħ	н	н	Ħ	II .	Œ	
Chlorobenzene	ND	25	11	11	11	ч	U	ıı .	
Chloroethane	ND	25	11	11	11	"	II .	II.	
Chloroform	ND	25	н	п	П	*1	IJ	u u	
Chloromethane	ND	25	n	u u	u u	**		11	
2-Chlorotoluene	ND	25	н	n	11	**	u	u	
4-Chlorotoluene	ND	25	н	**	H	**	"	u	
Dibromochloromethane	ND	25	"	"	0	n	"	11	
1,2-Dibromo-3-chloropropane	e ND	25	**	"	n	11	11	11	
1,2-Dibromoethane (EDB)	ND	25	.,				n n	11	
Dibromomethane	ND	25			"	ч	11	11	
1,2-Dichlorobenzene	ND	25		11	11	u	н	11	
1,3-Dichlorobenzene	ND	25		D			п	n.	
1,4-Dichlorobenzene	ND	25	0	0	11	u	0	11	
Dichlorodifluoromethane	ND	25	ч	н		ч	11	П	
1,1-Dichloroethane	ND	25	**	**	**	11	н	П	
1,2-Dichloroethane	ND	25	11	11	17	н	n	"	
1,1-Dichloroethene	ND	25	n .		II .	н	"	n	
cis-1.2-Dichloroethene	ND	25	п	II .	II .	n	a	n	
trans-1,2-Dichloroethene	ND	25	u	ч		II	u	u	
1,2-Dichloropropane	ND	25	11	11	11	n	**	u	
1,3-Dichloropropane	ND	25	11	11	11	II .	*	Ħ	
2,2-Dichloropropane	ND	25	н	п	и	u u	"	71	
1,1-Dichloropropene	ND	25	н	н	н	u	u	**	
cis-1,3-Dichloropropene	ND	25	н	н	11	**		11	
trans-1,3-Dichloropropene	ND	25		н	н	#	a	n	

Sequoia Analytical - Petaluma

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.





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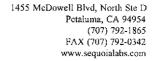
Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA. Project Manager: Dave Vossler P305608 Reported: 06/12/03 16:16

### **Volatile Organic Compounds by EPA Method 8260B**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WS-1 (P305608-01) Water	Sampled: 05/30/03 11:30	Received: 05	/30/03 17	:35					
Ethylbenzene	ND	25	ug/l	25	3060150	06/06/03	06/06/03	EPA 8260B	
Freon 113	ND	25	Ħ	11		н	"	п	
Hexachlorobutadiene	ND	25	ч	ч	11	**	ij	II.	
2-Hexanone	ND	250	ш	ч	**	Ħ	ŋ	n.	
Isopropylbenzene	ND	25	a	а	**	11	II	n	
p-Isopropyltoluene	ND	25	u	a	#1	н	11	n	
Methylene chloride	ND	25		"	*1	"	"	**	
4-Methyl-2-pentanone	ND	250	11	"	11	"	n	**	
Methyl tert-butyl ether	400	25	ч	"	11	"	**	71	
Naphthalene	ND	25	**	u	Ħ	II .	*	**	
n-Propylbenzene	ND	25	11	ч	И	IJ	**	n	
Styrene	ND	25	11	u	H	0	**	11	
1,1,2,2-Tetrachloroethane	ND	25	u	u	н	11	u	U	
1,1,1,2-Tetrachloroethane	ND	25	п	"	п	"	ц	п	
Tetrachloroethene	ND	25	u	II .	11	11	ıı .	п	
Toluene	ND	25	u	u	H	n	ч	ч	
1,2,3-Trichlorobenzene	ND	25	11	u	п	D	u	п	
1,2,4-Trichlorobenzene	ND	25	11	11	Ш	n	**	u .	
1,1,2-Trichloroethane	ND	25	19	ч	П	II .	**	ч	
1,1,1-Trichloroethane	ND	25	II	11	н	u	**	"	
Trichloroethene	ND	25	п	11	n	ч	*	**	
Trichlorofluoromethane	ND	25	Ð	н	H	a	**	**	
1,2,3-Trichloropropane	ND	25	n	**	n	ч	n	19	
1,3,5-Trimethylbenzene	ND	25	11	п	n n	н	II .	17	
1,2,4-Trimethylbenzene	ND	25	n	11	u	11	II	D	
Vinyl acetate	ND	500	u	u	ц	**	u	Ŋ	
Vinyl chloride	ND	25	n	n	n	n	a a	u	
m,p-Xylene	ND	25	n	n	q		11	Ħ	
o-Xylene	ND	25			rt	ď	*	**	
Surrogate: Dibromofluoromet	hane	105 %	84-	122	"	"	n	"	
Surrogate: 1,2-Dichloroethan		118%	74-	135	"	,,	n	n	
Surrogate: Toluene-d8		95 %	84-	119	"	n	n	n	
Surrogate: 4-Bromofluoroben	70n0	109 %		.119	"	,,		"	





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Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA.

Project Manager: Dave Vossler

P305608 Reported: 06/12/03 16:16

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WS-1 (P305608-01) Water	Sampled: 05/30/03 11:30	Received: 05	5/30/03 1	7:35					
Reactivity in Water	ND	1.0	N/A	1	3060081	05/31/03	05/31/03	SW846, Ch. 7	
Reactive Cyanide	ND	10000	ug/l	Ħ	n	**	n	SW846 Ch. 7.3	
Reactive Sulfide	ND	50000	11	u	**	a	n	U	





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Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

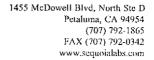
Project Number: 5325/Oakland, CA.

Project Manager: Dave Vossler

P305608 Reported:

06/12/03 16:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WS-1 (P305608-01) Water	Sampled: 05/30/03 11:30	Received: 0	5/30/03 17	:35					
Corrosivity	7.0	2.0	pH Units	1	3060012	05/30/03	05/30/03	EPA 9045B	
Ignitability by Flashpoint	ND	20	°C	u	3060147	06/07/03	06/07/03	EPA 1010	





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Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA. Project Manager: Dave Vossler P305608 Reported: 06/12/03 16:16

DDD

Marc.

### Dissolved Metals by EPA 6000/7000 Series Methods - Quality Control Sequoia Analytical - Petaluma

	Reporting			Spike	Source		%REC		ŀ	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3050755 - EPA 7470A										
Blank (3050755-BLK1)				Prepared:	06/03/03	Analyzed	: 06/04/03			
Mercury	ND	0.20	ug/l		·					
Laboratory Control Sample (3050755-BS1)				Prepared:	06/03/03	Analyzed	: 06/04/03			
Mercury	1.52	0.20	ug/l	1.59		96	80-120			
Matrix Spike (3050755-MS1)	Sour	rce: P30555	0-03	Prepared:	06/03/03	Analyzed	: 06/04/03			
Mercury	0.306	0.20	ug/l	1.59	NĐ	19	80-120			QR-0
Matrix Spike (3050755-MS2)	Sour	rce: P30558	5-01	Prepared:	06/03/03	Analyzed	: 06/04/03			
Mercury	1.38	0.20	ug/l	1.59	ND	87	80-120		••••	•
Matrix Spike Dup (3050755-MSD1)	Sour	rce: P30555	0-03	Prepared:	06/03/03	Analyzed	: 06/04/03			
Mercury	0.295	0.20	ug/l	1.59	ND	19	80-120	4	20	QR-0
Matrix Spike Dup (3050755-MSD2)	Som	rce: P30558	5-01	Prenared:	06/03/03	Analyzed	: 06/04/03			
Mercury	1.36	0.20	ug/l	1.59	ND	86	80-120	1	20	
Batch 3060100 - EPA 3005A										
Blank (3060100-BLK1)				Prepared a	& Analyz	ed: 06/06/0	03			
Antimony	ND	60	ug/l	•	•					
Arsenic	ND	100	a							
Barium	ND	10	"							
Beryllium	ND	1.0	11							
Cadmium	ND	10	**							
Chromium	ND	10	**							
Cobalt	ND	7.0	"							
Copper	ND	10	"							
Lead	ND	75	н							
Molybdenum	ND	20	**							
Nickel	ND	30	n							
Selenium	ND	100	11							
Silver	ND	7.0	"							
Thallium	ND	100	n n							
Vanadium	ND	10	u							
Zinc	ND	20	rr .							





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Petaluma CA, 94954-1116

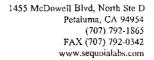
Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA. Project Manager: Dave Vossler P305608 Reported:

06/12/03 16:16

### Dissolved Metals by EPA 6000/7000 Series Methods - Quality Control Sequoia Analytical - Petaluma

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060100 - EPA 3005A										
Laboratory Control Sample (3060100-BS1)				Prepared	& Analyza	:d: 06/06/	03			
Antimony	518	60	ug/l	500		104	80-120			
Arsenic	520	100	"	500		104	80-120			
Barium	509	10	**	500		102	80-120			
Beryllium	49.8	1.0	**	50.0		100	80-120			
Cadmium	50.3	10	**	50.0		101	80-120			
Chromium	516	10	**	500		103	80-120			
Cobalt	496	7.0	"	500		99	80-120			
Copper	521	10	ч	500		104	80-120			
Lead	482	75	"	500		96	80-120			
Molybdenum	512	20	"	500		102	80-120			
Nickel	504	30	1)	500		101	80-120			
Selenium	510	100	"	500		102	80-120			
Silver	48.5	7.0	n	50.0		97	80-120			
<u> Fhallium</u>	488	100	11	500		98	80-120			
Vanadium	513	10	n	500		103	80-120			
Zinc	500	20	11	500		100	80-120			
Matrix Spike (3060100-MS1)	Soi	rce: P30560	8-01	Prepared	& Analyze	d: 06/06/	03			
Antimony	502	60	ug/l	500	ND	100	80-120			
Arsenic	535	100	n	500	ND	107	80-120			
Barium	653	10	**	500	150	101	80-120			
Beryllium	49.7	1.0	**	50.0	ND	99	80-120			
Cadmium	50.2	10	17	50.0	ND	100	80-120			
Chromium	512	10	n	500	3.3	102	80-120			
Cobalt	491	7.0	11	500	7.7	97	80-120			
Copper	514	10	· ·	500	3.5	102	80-120			
Lead	484	75	u	500	ND	97	80-120			
Molybdenum	511	20	ч	500	ND	102	80-120			
Nickel	519	30	11	500	ND	104	80-120			
Selenium	506	100	н	500	ND	101	80-120			
Silver	47.5	7.0	ŤI	50.0	ND	95	80-120			
Thallium	513	100	37	500	ND	103	80-120			
Vanadium	510	10	17	500	ND	102	80-120			
Zinc	495	20	н	500	18	95	80-120			





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Petaluma CA, 94954-1116

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P305608 Reported:

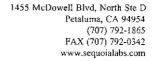
06/12/03 16:16

### Dissolved Metals by EPA 6000/7000 Series Methods - Quality Control Sequoia Analytical - Petaluma

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 3060100 - EPA 300	5A
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Matrix Spike Dup (3060100-MSD1)	Sour	ce: P30560	8-01	Prepared .	& Analyza	:d: 06/06	03		
Antimony	511	60	սջ/Լ	500	ND	102	80-120	2	20
Arsenic	524	100	ц	500	ND	105	80-120	2	20
Barium	653	10	"	500	150	101	80-120	0	20
Beryllium	49.5	1.0		50.0	ND	99	80-120	0.4	20
Cadmium	52.5	10	n	50.0	ND	105	80-120	4	20
Chromium	511	10	"	500	3.3	102	80-120	0.2	20
Cobalt	484	7.0	**	500	7.7	95	80-120	1	20
Copper	508	10	**	500	3.5	101	80-120	1	20
Lead	492	75		500	ND	98	80-120	2	20
Molybdenum	508	20	**	500	ND	102	80-120	0.6	20
Nickel	508	30	#	500	ND	102	80-120	2	20
Selenium	494	100	rt	500	ND	99	80-120	2	20
Silver	49.1	7.0	11	50.0	ND	98	80-120	3	20
Thallium	506	100	ч	500	ND	101	80-120	1	20
Vanadium	512	10	н	500	ND	102	80-120	0.4	20
Zinc	492	20	н	500	18	95	80-120	0.6	20





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P305608 Reported:

06/12/03 16:16

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

		T.U.J									1
		Reporting		Spike	Source		%REC		RPD		l
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	l

Blank (3060150-BLK1)				Prepared & Analyzed: 06/06/03
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	u	
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	0	
Carbon tetrachloride	ND	1.0	D	
Chlorobenzene	ND	1.0	"	
Chloroethane	ND	1.0	U	
Chloroform	ND	1.0	u u	
Chloromethane	ND	1.0	u	
2-Chlorotoluene	ND	1.0	**	
4-Chlorotoluene	ND	1.0	**	
Dibromochloromethane	ND	1.0	**	
1,2-Dibromo-3-chloropropane	ND	1.0	n	
1,2-Dibromoethane (EDB)	ND	1.0	n	
Dibromomethane	ND	1.0	n	
1,2-Dichlorobenzene	ND	1.0	"	
1,3-Dichlorobenzene	ND	1.0	n	
1.4-Dichlorobenzene	ND	1.0		
Dichlorodifluoromethane	ND	1.0	.,	
1,1-Dichloroethane	ND	1.0	u	
1.2-Dichloroethane	ND	1.0	**	
1,1-Dichloroethene	ND	1.0	**	
cis-1,2-Dichloroethene	ND	1.0	H	
trans-1,2-Dichloroethene	ND	1.0	**	
1,2-Dichloropropane	ND	1.0	n	
1,3-Dichloropropane	ND	1.0	u	
2,2-Dichloropropane	ND	1.0	п	
1,1-Dichloropropene	ND ND	1.0	**	

Sequoia Analytical - Petaluma

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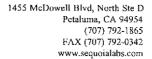
### Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Petaluma

### Reporting Spike %REC RPD Source Limit Level Analyte Result Units Result %REC Limits RPD Limit Notes

Blank (3060150-BLK1)				Prepared .	& Ana	& Analyzed: 06/06/
cis-1,3-Dichloropropene	ND	1.0	ug/l			
trans-1,3-Dichloropropene	ND	1.0	"			
Ethylbenzene	ND	1.0	#			
Freon 113	ND	1.0	II .			
Hexachlorobutadiene	ND	1.0	и			
2-Hexanone	ND	10	u			
lsopropylbenzene	ND	1.0				
p-Isopropyltoluene	ND	1.0	u			
Methylene chloride	ND	1.0	"			
4-Methyl-2-pentanone	ND	10	II .			
Mothyl tert-butyl ether	ND	1.0	ч			
Naphthalene	ND	1.0	n			
n-Propylbenzene	DИ	1.0	n			
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	"			
1,1,2-Trichloroethane	ND	1.0	**			
1,1,1-Trichloroethane	ND	1.0	**			
Trichloroethene	ND	1.0	**			
Trichlorofluoromethane	ИD	0.1	17			
1,2,3-Trichloropropane	ND	1.0	11			
1,3,5-Trimethylbenzene	ND	1.0	U			
1,2,4-Trimethylbenzene	ND	1.0	"			
Vinyl acetate	ND	20	II .			
Vinyl chloride	ND	1.0	u			
m,p-Xylene	ND	1.0	ч			
o-Xylene	ND	1.0	**			
Surrogate: Dibromofluoromethane	4.64		"	5.00	93	8.
Surrogate: 1,2-Dichloroethane-d4	5.16		"	5.00	103	74
Surrogate: Toluene-d8	4.52		"	5.00	90	84
Surrogate: 4-Bromofluorobenzene	5.08		"	5.00	102	86-

Sequoia Analytical - Petaluma

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



P305608



Gettler - Ryan Inc.

1364 North Mc Dowell Blvd., Suite B2

Petaluma CA, 94954-1116

Project: TOSCO/PHILLIPS

Project Number: 5325/Oakland, CA.

Reported: Project Manager: Dave Vossler 06/12/03 16:16

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

		Reporting		Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 3060150 - EPA 5030 waters											
Laboratory Control Sample (3060150-	Prepared & Analyzed: 06/06/03										
Benzene	0.994	1.0	ug/l	1.00		99	81-118				
Chlorohenzene	1.02	1.0	II	1.00		102	88-119				
1,1-Dichloroethene	1.07	1.0	u	1.00		107	77-121				
Toluene	0.957	1.0	"	1.00		96	84-119				
Trichloroethene	1,15	1.0	n	1.00		115	83-126				
Surrogate: Dibromofluoromethane	5.22		'n	5.00	•	104	84-122				
Surrogate: 1,2-Dichloroethane-d4	5.59		"	5.00		112	74-135				
Surrogate: Toluene-d8	5.00		"	5.00		100	84-119				
Surrogate: 4-Bromofluorobenzene	4.91		"	5.00		98	86-119				
Laboratory Control Sample Dup (3060	150-BSD1)			Prepared	& Analyze	d: 06/06/	03				
Benzene	0.867	1.0	ug/1	1.00		87	81-118	14	20		
Chlorobenzene	0.970	1.0	11	1.00		97	88-119	5	20		
1,1-Dichloroethene	0.890	1.0	11	1.00		89	77-121	18	20		
Toluene	0.854	1.0	11	1.00		85	84-119	11	20		
Trichloroethene	1.01	1.0	Ш	1.00		101	83-126	13	20		
Surrogate: Dibromofluoromethane	4.89		ti.	5.00	_	98	84-122				
Surrogate: 1,2-Dichloroethane-d4	5.40		11	5.00		108	74-135				
Surrogate: Toluene-d8	4.83		"	5.00		97	84-119				
Surrogate: 4-Bromofluorobenzene	5.30		"	5.00		106	86-119				





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P305608 Reported: 06/12/03 16:16

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060081 - General Prep	paration									
Blank (3060081-BLK1)				Prepared	& Analyze	ed: 05/31/0	)3			
Reactive Cyanide	ND	00001	ug/l							
Reactive Sulfide	ND	50000	ŋ							
Reactivity in Water	ND	1.0	N/A							
Laboratory Control Sample (30	60081-BS1)			Prepared	& Analyza	ed: 05/31/0	03			
Reactive Cyanide	153000	10000	ug/l	500000		31	5-120			
Laboratory Control Sample (30	60081-BS2)			Prepared	& Analyze	d: 05/31/0	)3			
Reactive Sulfide	315000	50000	ug/l	1320000		24	5-120			





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Project Manager: Dave Vossler

P305608 Reported:

06/12/03 16:16

### - Quality Control Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Allayte	Kesuit	Linn	Dins	Level	Result	70KEC	Lining	KID	Limit	Notes
Batch 3060012 - General Preparation										
Duplicate (3060012-DUP1)	Sou	rce: P30560	08-01	Prepared	& Analyz	ed: 05/30/9	03			
Corrosivity	7.06	2.0	pH Units		7.0			0.9	20	
Batch 3060147 - General Preparation										
Laboratory Control Sample (3060147-BS1)				Prepared	& Analyza	ed: 06/07/0	03			
Ignitability by Flashpoint	29.0	20	°C	27.0		107	80-120			
Duplicate (3060147-DUP1)	Sou	rce: P3055	94-01	Prepared	& Analyze	ed: 06/07/0	03			
Ignitability by Flashpoint	ND	20	°C		ND				20	



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

Gettler - Ryan Inc.
Project: TOSCO/PHILLIPS
Project Number: 5325/Oakland, CA.
Petaluma CA, 94954-1116
Project Manager: Dave Vossler
Project Manager: 06/12/03 16:16

### **Notes and Definitions**

QR-07 The RPD was outside control limits. The results may still be useful for their intended purpose.

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

# Nº 007409

☐ 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
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☐ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 • FAX (650) 232-9612

Approved by:	2) Was the rep	To be completed upon receipt of report:  1) Were the analyses request	Vere Samples Receive	Relinquished By:	Relinquished By:	Relinquished By:	10.	9.	8.	7.	6.	5	4.	3. 25-1	2 WS-1	1. WS-1	Client Sample I.D.	Project Coding:	Time: (1) 21	round 🔘 1	Report To:	Telephone: 707	city: Petalumon	Address: 1364	Consultant Company:
	2) Was the report issued within the requested turnaround time?	(pleted upon receipt of report: ) Were the analyses requested on the Chain of Custody reported?	Vere Samples Received in Good Condition? Yes			fun Su							•	111.30	5-30 /11:30	5:30:03/11:30	Date/Time   h Sampled   f		2 Work Days 🔲 1 V		Vosslar	107-789-3255 Fax #: 707		٠٠,	y: Cz. Hler-
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	☐ Yes ☐ No If no	☐ Yes ☐ No	Samples on Ice?	Time:	Time:	Time: 5:35								-		-800g0Ed	Sequoia's Sample #	Uner Ciner			Jun 15 #	3255	44954	23	
	If no, what was the turnaround time?	If no, what analys	⇔es □ No	Received By:	Received By:	Received By:		COOL		COOL						Į	tage	`	Water	Drinking Water	QC Data: 🕽	City, State:	Site Address:	Site #:	Tosco Engineer:
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