



Boyle Engineering  
1501 Quail St  
Newport Beach CA, 92660

Project: T-22 Drinking Water  
Project Number: ES-C68-200  
Project Manager: Lisa Nelson

Reported:  
11/24/03 15:42

**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K1405 - EPA 200 Series**

Matrix Spike Dup (B3K1405-MSD1)	Source: 0311122-01			Prepared: 11/14/03		Analyzed: 11/17/03				
Boron	0.650	0.066	mg/L	0.200	0.43	110	70-130	4.40	20	
Calcium	299	0.53	"	10.2	280	186	70-130	5.50	20	QM-07
Copper	0.214	0.012	"	0.200	ND	107	70-130	5.77	20	
Iron	4.25	0.064	"	0.200	4.1	75.0	70-130	0.236	20	
Magnesium	93.0	0.41	"	10.2	82	108	70-130	3.39	20	
Manganese	2.27	0.011	"	0.200	2.1	85.0	70-130	2.23	20	
Potassium	20.4	0.90	"	12.0	5.6	123	70-130	7.11	20	
Sodium	257	0.71	"	10.2	250	68.6	70-130	1.57	20	QM-07

**Batch B3K1711 - EPA 200 Series**

Blank (B3K1711-BLK1)	Prepared & Analyzed: 11/17/03									
Mercury	ND	0.0001	mg/L							
ACS (B3K1711-BS1)	Prepared & Analyzed: 11/17/03									
Mercury	0.001	0.0001	mg/L	0.00100		100	80-120			
Matrix Spike (B3K1711-MS1)	Source: 0311122-01			Prepared & Analyzed: 11/17/03						
Mercury	0.001	0.0001	mg/L	0.00100	0.00002	98.0	80-120			
Matrix Spike Dup (B3K1711-MSD1)	Source: 0311122-01			Prepared & Analyzed: 11/17/03						
Mercury	0.001	0.0001	mg/L	0.00100	0.00002	98.0	80-120	0.00	20	

**Batch B3K1803 - EPA 200 Series**

Blank (B3K1803-BLK1)	Prepared & Analyzed: 11/18/03									
Aluminum	ND	2.0	µg/L							
Antimony	ND	2.0	"							
Arsenic	ND	2.0	"							
Barium	ND	1.0	"							
Beryllium	ND	2.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	5.0	"							
Copper	ND	5.0	"							
Nickel	ND	2.0	"							
Selenium	ND	2.0	"							
Silver	ND	2.0	"							
Thallium	ND	2.0	"							
Vanadium	ND	2.0	"							
Zinc	ND	10	"							

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**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K1803 - EPA 200 Series**

**LCS (B3K1803-BS1)**

Prepared & Analyzed: 11/18/03

Aluminum	112	2.0	µg/L	100		112	85-115			
Antimony	105	2.0	"	100		105	85-115			
Arsenic	107	2.0	"	100		107	85-115			
Barium	104	1.0	"	100		104	85-115			
Beryllium	111	2.0	"	100		111	85-115			
Cadmium	105	2.0	"	100		105	85-115			
Chromium	108	5.0	"	100		108	85-115			
Copper	107	5.0	"	100		107	85-115			
Nickel	109	2.0	"	100		109	85-115			
Selenium	109	2.0	"	100		109	85-115			
Silver	106	2.0	"	100		106	85-115			
Thallium	109	2.0	"	100		109	85-115			
Vanadium	108	2.0	"	100		108	85-115			
Zinc	99.0	10	"	100		99.0	85-115			

**Matrix Spike (B3K1803-MS1)**

Source: 0311122-01

Prepared & Analyzed: 11/18/03

Aluminum	90.2	2.0	µg/L	100	3.5	86.7	70-130			
Antimony	108	2.0	"	100	0.69	107	70-130			
Arsenic	122	2.0	"	100	17	105	70-130			
Barium	167	1.0	"	100	69	98.0	70-130			
Beryllium	81.8	2.0	"	100	ND	81.8	70-130			
Cadmium	100	2.0	"	100	ND	100	70-130			
Chromium	103	5.0	"	100	0.67	102	75-130			
Copper	95.8	5.0	"	100	4.1	91.7	70-130			
Nickel	114	2.0	"	100	16	98.0	70-130			
Selenium	116	2.0	"	100	9.1	107	70-130			
Silver	98.1	2.0	"	100	ND	98.1	70-130			
Thallium	100	2.0	"	100	ND	100	70-130			
Vanadium	107	2.0	"	100	0.075	107	70-130			
Zinc	106	10	"	100	19	87.0	70-130			

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**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K1803 - EPA 200 Series**

Matrix Spike Dup (B3K1803-MSD1)

Source: 0311122-01

Prepared & Analyzed: 11/18/03

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	91.5	2.0	µg/L	100	3.5	88.0	70-130	1.43	20	
Antimony	108	2.0	"	100	0.69	107	70-130	0.00	20	
Arsenic	123	2.0	"	100	17	106	70-130	0.816	20	
Barium	168	1.0	"	100	69	99.0	70-130	0.597	20	
Beryllium	79.2	2.0	"	100	ND	79.2	70-130	3.23	20	
Cadmium	101	2.0	"	100	ND	101	70-130	0.995	20	
Chromium	106	5.0	"	100	0.67	105	75-130	2.87	20	
Copper	98.4	5.0	"	100	4.1	94.3	70-130	2.68	20	
Nickel	117	2.0	"	100	16	101	70-130	2.60	20	
Selenium	116	2.0	"	100	9.1	107	70-130	0.00	20	
Silver	98.2	2.0	"	100	ND	98.2	70-130	0.102	20	
Thallium	99.9	2.0	"	100	ND	99.9	70-130	0.100	20	
Uranium	110	2.0	"	100	0.075	110	70-130	2.76	20	
Zinc	107	10	"	100	19	88.0	70-130	0.939	20	

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**Trihalomethanes by EPA Method 502.2 - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K1321 - EPA 500 Series**

**Blank (B3K1321-BLK1)** Prepared & Analyzed: 11/13/03

Bromodichloromethane	ND	0.500	µg/L							
Bromoform	ND	0.500	"							
Chloroform	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
Total Trihalomethanes	ND	0.500	"							
Surrogate: 1-Chloro-2-fluorobenzene	12.9		"	20.0		64.5	60-135			

**LCS (B3K1321-BS1)** Prepared & Analyzed: 11/13/03

Bromodichloromethane	36.8	0.500	µg/L	40.0		92.0	80-120			
Chloroform	32.1	0.500	"	40.0		80.2	80-120			
Dibromochloromethane	36.9	0.500	"	40.0		92.2	80-120			

**Duplicate (B3K1321-DUP1)** Prepared & Analyzed: 11/13/03  
Source: 0311128-06

Bromodichloromethane	17.8	0.500	µg/L		16.7			6.38	30	
Chloroform	12.0	0.500	"		12.2			1.65	30	
Dibromochloromethane	17.7	0.500	"		16.7			5.81	30	

**Matrix Spike (B3K1321-MS1)** Prepared & Analyzed: 11/13/03  
Source: 0311128-06

Bromodichloromethane	42.5	0.500	µg/L	40.0	16.7	64.5	47-124			
Chloroform	33.0	0.500	"	40.0	12.2	52.0	22-148			
Dibromochloromethane	43.9	0.500	"	40.0	16.7	68.0	38-127			

**Matrix Spike Dup (B3K1321-MSD1)** Prepared & Analyzed: 11/13/03  
Source: 0311128-06

Bromodichloromethane	46.3	0.500	µg/L	40.0	16.7	74.0	47-124	8.56	30	
Chloroform	36.0	0.500	"	40.0	12.2	59.5	22-148	8.70	30	
Dibromochloromethane	47.8	0.500	"	40.0	16.7	77.8	38-127	8.51	30	

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**EDB and DBCP by EPA Method 504.1 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3K1401 - EPA 500 Series</b>										
<b>Blank (B3K1401-BLK1)</b>										
Prepared & Analyzed: 11/14/03										
1,2-Dibromoethane (EDB)	ND	0.0200	µg/L							
Dibromochloropropane	ND	0.0100	"							
<b>LCS (B3K1401-BS1)</b>										
Prepared & Analyzed: 11/14/03										
1,2-Dibromoethane (EDB)	6.00	0.0200	µg/L	5.71		105	70-110			
Dibromochloropropane	5.90	0.0100	"	5.71		103	70-110			
<b>Duplicate (B3K1401-DUP1)</b>										
Source: 0311122-01 Prepared & Analyzed: 11/14/03										
1,2-Dibromoethane (EDB)	ND	0.0200	µg/L		0.00				30	
Dibromochloropropane	ND	0.0100	"		0.00				30	
<b>Matrix Spike (B3K1401-MS1)</b>										
Source: 0311122-01 Prepared & Analyzed: 11/14/03										
1,2-Dibromoethane (EDB)	7.00	0.0200	µg/L	5.71	0.00	123	50-150			
Dibromochloropropane	6.20	0.0100	"	5.71	0.00	109	50-150			
<b>Matrix Spike Dup (B3K1401-MSD1)</b>										
Source: 0311122-01 Prepared & Analyzed: 11/14/03										
1,2-Dibromoethane (EDB)	7.00	0.0200	µg/L	5.71	0.00	123	50-150	0.00	30	
Dibromochloropropane	6.30	0.0100	"	5.71	0.00	110	50-150	1.60	30	

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**Chlorinated Pesticides and PCBs by EPA Method 505 - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K0609 - EPA 500 Series**

Blank (B3K0609-BLK1)				Prepared: 11/06/03 Analyzed: 11/13/03						
Alachlor	ND	1.00	µg/L							
Aldrin	ND	0.0750	"							
Atrazine	ND	0.500	"							
Chlordane	ND	0.100	"							
Chlordane-alpha	ND	0.200	"							
Chlorlone-gamma	ND	0.200	"							
Dieldrin	ND	0.0200	"							
Endrin	ND	0.100	"							
Heptachlor	ND	0.0100	"							
Heptachlor epoxide	ND	0.0100	"							
Hexachlorobenzene	ND	0.500	"							
Hexachlorocyclopentadiene	ND	1.00	"							
gamma-BHC (Lindane)	ND	0.200	"							
Methoxychlor	ND	10.0	"							
cis-Nonachlor	ND	0.0200	"							
trans-Nonachlor	ND	0.0200	"							
Simazine	ND	1.00	"							
Toxaphene	ND	1.00	"							
PCB-1016	ND	0.500	"							
PCB-1221	ND	0.500	"							
PCB-1232	ND	0.500	"							
PCB-1242	ND	0.500	"							
PCB-1248	ND	0.500	"							
PCB-1254	ND	0.500	"							
PCB-1260	ND	0.500	"							
Surrogate: 4,4'-Dibromobiphenyl	2.15		"	2.00		108	35-150			

LCS (B3K0609-BS1)				Prepared: 11/06/03 Analyzed: 11/13/03						
Aldrin	0.680	0.0750	µg/L	0.800		85.0	80-120			
Dieldrin	0.750	0.0200	"	0.800		93.8	80-120			
Endrin	0.756	0.100	"	0.800		94.5	80-120			

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**Chlorinated Pesticides and PCBs by EPA Method 505 - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K0609 - EPA 500 Series**

**Matrix Spike (B3K0609-MS1)**

Source: 0311060-01

Prepared: 11/06/03 Analyzed: 11/13/03

Aldrin	0.623	0.0750	µg/L	0.800	ND	77.9	50-150			
Dieldrin	0.772	0.0200	"	0.800	ND	96.5	50-150			
Endrin	0.794	0.100	"	0.800	ND	99.2	50-150			

**Matrix Spike Dup (B3K0609-MSD1)**

Source: 0311060-01

Prepared: 11/06/03 Analyzed: 11/13/03

Aldrin	0.800	0.0750	µg/L	0.800	ND	100	50-150	24.9	30	
Dieldrin	0.806	0.0200	"	0.800	ND	100	50-150	3.56	30	
Endrin	0.800	0.100	"	0.800	ND	100	50-150	0.753	30	

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**Organo-Chlorine Herbicides by EPA Method 515.2 - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K0610 - EPA 500 Series**

**Blank (B3K0610-BLK1)**

Prepared: 11/06/03 Analyzed: 11/19/03

2,4,5-T	ND	0.200	µg/L							
2,4,5-TP (Silvex)	ND	1.00	"							
2,4-D	ND	10.0	"							
2,4-DL	ND	0.200	"							
3,5-Dichlorobenzoic acid	ND	0.200	"							
Acifluorfen	ND	0.200	"							
Bentazon	ND	2.00	"							
Dalapon	ND	0.200	"							
Dacthal Acid Metabolites	ND	0.200	"							
Dicamba	ND	1.50	"							
Dichlorprop	ND	0.200	"							
Dinoseb	ND	2.00	"							
Pentachlorophenol	ND	0.200	"							
Picloram	ND	1.00	"							

*Surrogate: 2,4-Dichlorophenylacetic Acid*      36.8      "      100      36.8      35-150

**LCS (B3K0610-BS1)**

Prepared: 11/06/03 Analyzed: 11/19/03

2,4,5-T	4.80	0.200	µg/L	5.00		96.0	80-120			
2,4,5-TP (Silvex)	4.22	1.00	"	5.00		84.4	80-120			
Dacthal Acid Metabolites	4.00	0.200	"	5.00		80.0	80-120			
Dinoseb	4.06	2.00	"	5.00		81.2	80-120			

**LCS (B3K0610-BS2)**

Prepared: 11/06/03 Analyzed: 11/19/03

2,4,5-T	4.80	0.200	µg/L	5.00		96.0	80-120			
2,4,5-TP (Silvex)	4.06	1.00	"	5.00		81.2	80-120			
Dacthal Acid Metabolites	4.00	0.200	"	5.00		80.0	80-120			
Dinoseb	4.00	2.00	"	5.00		80.0	80-120			

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**Organo-Chlorine Herbicides by EPA Method 515.2 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K0610 - EPA 500 Series**

**LCS Dup (B3K0610-BSD1)**

Prepared: 11/06/03 Analyzed: 11/19/03

2,4,5-T	4.80	0.200	µg/L	5.00		96.0	80-120	0.00	30	
2,4,5-TP (Silvex)	4.00	1.00	"	5.00		80.0	80-120	5.35	30	
Dacthal Acid Metabolites	4.00	0.200	"	5.00		80.0	80-120	0.00	30	
Dinoseb	4.00	2.00	"	5.00		80.0	80-120	1.49	30	

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**Volatile Organic Compounds by EPA Method 524.2 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K1202 - EPA 500 Series**

**Blank (B3K1202-BLK1)**

Prepared & Analyzed: 11/11/03

1,2,3-Trichloropropane	ND	0.00500	µg/L							
<i>Surrogate: 1,4-Dichlorobenzene-d4</i>	0.625		"	0.625		100	80-120			

**Batch B3K1203 - EPA 500 Series**

**Blank (B3K1203-BLK1)**

Prepared & Analyzed: 11/11/03

Benzene	ND	0.500	µg/L							
Bromobenzene	ND	0.500	"							
Bromochloromethane	ND	0.500	"							
Bromodichloromethane	ND	0.500	"							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Methyl ethyl ketone	ND	5.00	"							
n-Butylbenzene	ND	0.500	"							
sec-Butylbenzene	ND	0.500	"							
tert-Butylbenzene	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
2-Chloroethylvinyl ether	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
2-Chlorotoluene	ND	0.500	"							
4-Chlorotoluene	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
Dibromomethane	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
Dichlorodifluoromethane	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
1,3-Dichloropropane	ND	0.500	"							

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11/24/03 15:42

**Volatile Organic Compounds by EPA Method 524.2 - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3K1203 - EPA 500 Series</b>										
<b>Blank (B3K1203-BLK1)</b>										
Prepared & Analyzed: 11/11/03										
2,2-Dichloropropane	ND	0.500	µg/L							
1,1-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropane	ND	0.500	"							
trans-1,3-Dichloropropane	ND	0.500	"							
Di-isopropyl ether	ND	3.00	"							
Ethyl tert-butyl ether	ND	3.00	"							
Ethylbenzene	ND	0.500	"							
Hexachlorobutadiene	ND	0.500	"							
Isopropylbenzene	ND	0.500	"							
p-Isopropyltoluene	ND	0.500	"							
Methylene chloride	ND	0.500	"							
Methyl isobutyl ketone	ND	5.00	"							
thyl tert-butyl ether	ND	3.00	"							
naphthalene	ND	0.500	"							
n-Propylbenzene	ND	0.500	"							
Styrene	ND	0.500	"							
Tert-amyl methyl ether	ND	3.00	"							
Tert-butyl alcohol	ND	2.00	"							
1,1,1,2-Tetrachloroethane	ND	0.500	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
Toluene	ND	0.500	"							
1,2,3-Trichlorobenzene	ND	0.500	"							
1,2,4-Trichlorobenzene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	5.00	"							
1,1,2-Trichlorotrifluoroethane	ND	10.0	"							
1,2,3-Trichloropropane	ND	0.500	"							
1,2,4-Trimethylbenzene	ND	0.500	"							
1,3,5-Trimethylbenzene	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
m,p-Xylene	ND	0.500	"							
o-Xylene	ND	0.500	"							
Surrogate: Dibromofluoromethane	53.2		"	50.0		106	86-118			
Surrogate: Toluene-d8	50.3		"	50.0		101	88-110			

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.



Boyle Engineering 1501 Quail St Newport Beach CA, 92660	Project: T-22 Drinking Water Project Number: ES-C68-200 Project Manager: Lisa Nelson	Reported: 11/24/03 15:42
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**Volatile Organic Compounds by EPA Method 524.2 - Quality Control**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3K1203 - EPA 500 Series**

**Blank (B3K1203-BLK1)**

Prepared & Analyzed: 11/11/03

Surrogate: 4-Bromofluorobenzene	49.7		µg/L	50.0		99.4	86-115			
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**LCS (B3K1203-BS1)**

Prepared & Analyzed: 11/11/03

Benzene	22.6	0.500	µg/L	25.0		90.4	80-120			
Chlorobenzene	24.4	0.500	"	25.0		97.6	80-120			
1,1-Dichloroethene	21.0	0.500	"	25.0		84.0	80-120			
Methyl tert-butyl ether	21.9	3.00	"	25.0		87.6	80-120			
Toluene	21.9	0.500	"	25.0		87.6	80-120			
Trichloroethene	24.3	0.500	"	25.0		97.2	80-120			

**Duplicate (B3K1203-DUP1)**

Source: 0311122-01

Prepared & Analyzed: 11/11/03

Benzene	ND	0.500	µg/L		ND				30	
Chlorobenzene	ND	0.500	"		ND				30	
1,1-Dichloroethene	ND	0.500	"		ND				30	
Methyl tert-butyl ether	ND	3.00	"		ND				30	
Toluene	ND	0.500	"		ND				30	
Trichloroethene	ND	0.500	"		ND				30	

**Matrix Spike (B3K1203-MS1)**

Source: 0311122-01

Prepared & Analyzed: 11/11/03

Benzene	22.4	0.500	µg/L	25.0	ND	89.6	37-151			
Chlorobenzene	24.4	0.500	"	25.0	ND	97.6	37-160			
1,1-Dichloroethene	21.9	0.500	"	25.0	ND	87.6	50-150			
Methyl tert-butyl ether	24.3	3.00	"	25.0	ND	97.2	37-160			
Toluene	21.9	0.500	"	25.0	ND	87.6	47-150			
Trichloroethene	23.8	0.500	"	25.0	ND	95.2	71-157			

**Matrix Spike Dup (B3K1203-MSD1)**

Source: 0311122-01

Prepared & Analyzed: 11/11/03

Benzene	22.5	0.500	µg/L	25.0	ND	90.0	37-151	0.445	30	
Chlorobenzene	24.8	0.500	"	25.0	ND	99.2	37-160	1.63	30	
1,1-Dichloroethene	21.9	0.500	"	25.0	ND	87.6	50-150	0.00	30	
Methyl tert-butyl ether	24.0	3.00	"	25.0	ND	96.0	37-160	1.24	30	
Toluene	22.0	0.500	"	25.0	ND	88.0	47-150	0.456	30	
Trichloroethene	23.6	0.500	"	25.0	ND	94.4	71-157	0.844	30	

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.



November 18, 2003

**Alta Project I.D.: 24405**

Ms. Tracy Collins  
Sierra Analytical  
26052 Merit Circle  
Suite 105  
Laguna Hills, CA 92653

Dear Ms. Collins,

Enclosed are the results for the one aqueous sample received at Alta Analytical Laboratory on November 12, 2003 under your Project Name "#0311122". This sample was extracted and analyzed using EPA Method 8280 for 2,3,7,8-TCDD. A standard turnaround time was provided for this work.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix, which contains the chain-of-custody, a list of data qualifiers and abbreviations, Alta's current certifications, and copies of the raw data (if requested).

Alta Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-933-1640 or by email at [mmaier@altalab.com](mailto:mmaier@altalab.com). Thank you for choosing Alta as part of your analytical support team.

Sincerely,

A handwritten signature in cursive script that reads "Martha M. Maier".

Martha M. Maier  
Director of HRMS Services





**Section I: Sample Inventory Report**

**Date Received: 11/12/2003**

Alta Lab. ID

Client Sample ID

24405-001

0311122-01

SECTION II



Method Blank					EPA Method 8280				
Matrix:	Aqueous	QC Batch No.:	5371	Lab Sample:	0-MB001				
Sample Size:	1.000 L	Date Extracted:	16-Nov-03	Date Analyzed DB-5:	17-Nov-03	Date Analyzed DB-225:	NA		
Analyte	Conc. (ng/L)	DL <sup>a</sup>	EMPC <sup>b</sup>	MDL <sup>c</sup>	Qualifiers	Labeled Standard	%R	LCL-UCL <sup>d</sup>	Qualifiers
2,3,7,8-TCDD	ND	0.00835		0.0380		<u>IS</u> 13C-2,3,7,8-TCDD	79.3	25 - 150	
						<u>CRS</u> 37Cl-2,3,7,8-TCDD	92.4	25 - 150	
					<b>Footnotes</b>				
					a. Sample specific estimated detection limit.				
					b. Estimated maximum possible concentration.				
					c. Method detection limit.				
					d. Lower control limit - upper control limit.				

Analyst: MS

Approved By: Martha M. Maier 18-Nov-2003 12:38





OPR Results				EPA Method 8280 <sup>k</sup>			
Matrix:	Aqueous	QC Batch No.:	5371	Lab Sample:	0-OPR001		
Sample Size:	1,000 L	Date Extracted:	16-Nov-03	Date Analyzed DB-5:	17-Nov-03	Date Analyzed DB-225:	NA
Analyte	Spike Conc.	Conc. (ng/mL)	OPR Limits	Labeled Standard	%R	LCL-UCL	
2,3,7,8-TCDD	10.0	9.49	7 - 13	<u>IS</u> 13C-2,3,7,8-TCDD	75.5	25 - 150	
				<u>CRS</u> 37Cl-2,3,7,8-TCDD	90.9	25 - 150	

Analyst: MS

Approved By: Martha M. Maier 18-Nov-2003 12:38



<b>Sample ID: 0311122-01</b>					<b>EPA Method 8280</b>				
<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>				
Name:	Sierra Analytical	Matrix:	Aqueous	Lab Sample:	24405-001	Date Received:	12-Nov-03		
Project:	#0311122	Sample Size:	0.951 L	QC Batch No.:	5371	Date Extracted:	16-Nov-03		
Date Collected:	10-Nov-03			Date Analyzed DB-5:	18-Nov-03	Date Analyzed DB-225:	NA		
Time Collected:	1330								
<b>Analyte</b>	<b>Conc. (ng/L)</b>	<b>DL<sup>a</sup></b>	<b>EMPC<sup>b</sup></b>	<b>MDL<sup>c</sup></b>	<b>Qualifiers</b>	<b>Labeled Standard</b>	<b>%R</b>	<b>LCL-UCL<sup>d</sup></b>	<b>Qualifiers</b>
2,3,7,8-TCDD	ND	0.00471		0.0380		<u>IS</u> 13C-2,3,7,8-TCDD	73.8	25 - 150	
						<u>CRS</u> 37Cl-2,3,7,8-TCDD	102	25 - 150	
					<b>Footnotes</b>				
					a. Sample specific estimated detection limit.				
					b. Estimated maximum possible concentration.				
					c. Method detection limit.				
					d. Lower control limit - upper control limit.				

Analyst: MS

Approved By: Martha M. Maier 18-Nov-2003 12:38

**APPENDIX**



## **DATA QUALIFIERS & ABBREVIATIONS**

<b>A</b>	<b>The amount detected is below the Lower Calibration Limit of the instrument.</b>
<b>B</b>	<b>This compound was also detected in the method blank.</b>
<b>D</b>	<b>The amount reported is the maximum possible concentration due to possible chlorinated diphenylether interference.</b>
<b>E</b>	<b>The amount detected is above the Upper Calibration Limit of the instrument.</b>
<b>H</b>	<b>The signal-to-noise ratio is greater than 10:1.</b>
<b>I</b>	<b>Chemical Interference</b>
<b>*</b>	<b>See Cover Letter</b>
<b>Conc.</b>	<b>Concentration</b>
<b>DL</b>	<b>Sample-specific estimated detection limit</b>
<b>EMPC</b>	<b>Estimated Maximum Possible Concentration</b>
<b>NA</b>	<b>Not applicable</b>
<b>ND</b>	<b>Not Detected</b>
<b>TEQ</b>	<b>Toxic Equivalency</b>



## **CURRENT CERTIFICATIONS**

**NELAP** — (Primary AA: California, Certificate No. 02102CA)

**Department of the Navy**

**U.S. Army Corps of Engineers**

**U.S. EPA Region 5**

**Commonwealth of Kentucky** — (Certificate No. 90063)

**Bureau of Reclamation — Mid-Pacific Region** — (MP-470, Res-1.10)

**Commonwealth of Kentucky** — (Certificate No. 90063)

**Commonwealth of Virginia** — (Certificate No. 00013)

**State of Alaska, Department of Environmental Conservation** — (Certificate No. OS-00197)

**State of Arkansas, Department of Health** — (Approval granted through CA certification)

**State of Arkansas, Department of Environmental Quality**

**State of California** — (Certificate No. 1640)

**State of Connecticut** — (Certificate No. PH-0182)

**State of Florida** — (Certificate No. 87456)

**State of Louisiana, Department of Health and Hospitals** — (Certificate No. LA000014)

**State of Louisiana, Department of Environmental Quality**

**State of Mississippi** — (Approval granted through CA certification)

**State of Nevada** — (Certificate No. CA413)

**State of New Jersey** — (Certificate No. CA003)

**State of New Mexico**

**State of New York, Department of Health** — (Certificate No. 11411)

**State of North Carolina** — (Certification No. 06700)

**State of North Dakota, Department of Health** — (Certificate No. R-078)

**State of Oregon** — (Certificate No. CA413)

**State of Pennsylvania** — (Certificate No. 68-490)

**State of South Carolina** — (Certificate No. 87002001)

**State of Tennessee** — (Certificate No. 02996)

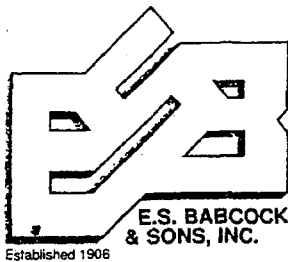
**State of Texas** — (Certificate No. TX247-1000A)

**State of Utah** — (Certificate No. E-201)

**State of Washington** — (Certification No. C091)

**State of Wisconsin** — (Certificate No. 998036160)

**State of Wyoming** — (USEPA Region 8 Ref: 8TMS-Q)



NELAP #02101CA ELAP#1156  
6100 Quail Valley Court Riverside, CA 92507-0704  
P.O. Box 432 Riverside, CA 92502-0432  
PH (909) 653-3351 FAX (909) 653-1662  
www.babcocklabs.com

Client Name: Sierra Laboratories  
Contact: Tracy Collins  
Address: 26052 Merit Circle, Suite 105  
Laguna Hills, CA 92653

Analytical Report: Page 1 of 4  
Project Name: No Project  
Project Number: Project #0311122  
Report Date: 18-Nov-2003  
Work Order Number: A3K1010

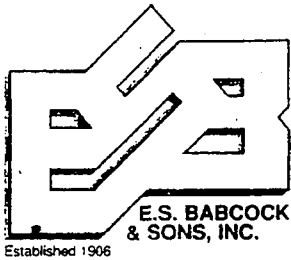
Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A3K1010-01	Dance Hall - 2 (0311122-01)	Water	11/10/03 13:30		11/12/03 09:44	UPS





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Laguna Hills, CA 92653

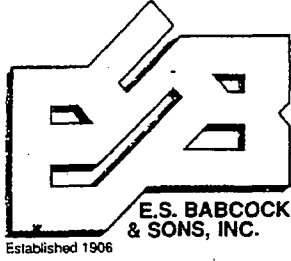
Analytical Report: Page 2 of 4  
Project Name: No Project  
Project Number: Project #0311122  
Report Date: 18-Nov-2003  
Work Order Number: A3K1010

Laboratory Reference Number  
**A3K1010-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Dance Hall - 2 (0311122-01)	Water	11/10/03 13:30	11/12/03 9:44

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
General Inorganics Perchlorate	ND	4.0 ug/L	EPA 314.0	11/14/03 18:04	KOS	





NELAP #02101CA ELAP#1156  
 6100 Quail Valley Court Riverside, CA 92507-0704  
 P.O. Box 432 Riverside, CA 92502-0432  
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Client Name: Sierra Laboratories  
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 Laguna Hills, CA 92653

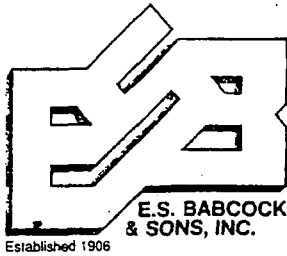
Analytical Report: Page 3 of 4  
 Project Name: No Project  
 Project Number: Project #0311122  
 Report Date: 18-Nov-2003  
 Work Order Number: A3K1010

**General Inorganics - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3K14003 - Analyzed as received</b>										
<b>Blank (3K14003-BLK1)</b>				Prepared & Analyzed: 11/14/03						
Perchlorate	ND	4.0	ug/L							
<b>LCS (3K14003-BS1)</b>				Prepared & Analyzed: 11/14/03						
Perchlorate	25.3	4.0	ug/L	25.0		101	85-115			
<b>Duplicate (3K14003-DUP1)</b>				Source: A3K1010-01 Prepared & Analyzed: 11/14/03						
Perchlorate	ND	4.0	ug/L		ND				15	
<b>Matrix Spike (3K14003-MS1)</b>				Source: A3K1010-01 Prepared & Analyzed: 11/14/03						
Perchlorate	10.7	4.0	ug/L	12.5	ND	85.6	80-120			
<b>Matrix Spike Dup (3K14003-MSD1)</b>				Source: A3K1010-01 Prepared & Analyzed: 11/14/03						
Perchlorate	10.1	4.0	ug/L	12.5	ND	80.8	80-120	5.77	15	







NELAP #02101CA ELAP#1156  
6100 Quail Valley Court Riverside, CA 92507-0704  
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www.babcocklabs.com

Client Name: Sierra Laboratories  
Contact: Tracy Collins  
Address: 26052 Merit Circle, Suite 105  
Laguna Hills, CA 92653

Analytical Report: Page 4 of 4  
Project Name: No Project  
Project Number: Project #0311122  
Report Date: 18-Nov-2003  
Work Order Number: A3K1010

### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit (RDL)  
NR Not Reported

RDL = Reportable Detection Limit MDL = Method Detection Limit

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.



James K. Babcock  
President

Allison Mackenzie  
General Manager

Lawrence J. Chrystal  
Laboratory Director

cc:

Standard ESB Report



**LABORATORY REPORT**

Report No.: 140565  
Purchase Order: 0311122-01  
External No.:

TRACY COLLINS  
SIERRA ANALYTICAL LABS INC  
26052 MERIT CIRCLE STE 105  
LAGUNA HILLS CA 92653

Date Received: 11-NOV-03  
Date Completed: 12-NOV-03  
Date Sent: 12-NOV-03  
Page 1 of 1

Analytical Method: EPA 600/R-93-116

RESULTS TABLE  
Sample Count ( 1 ) / Separable Layers ( 1 )

Sample No.	Description	Sample Homogeneity	Asbestos Fibers	Nonasbestos Fibers
0311122-01 (ashed) (312871)	WATER	100 %	BELOW LIMIT OF DETECTION	

Remarks : Sample(s) and sampling data as provided  
by TRACY COLLINS

Analyst : CHRISC / ART

Reviewed by:

*Donald R. Bissing*  
Asbestos PLM Supervisor, Donald R. Bissing, PhD

Technical Approval:

*Jaime Steedman-Lyde*  
Laboratory Director, Jaime Steedman-Lyde

AIHA ELLAP Accreditation No.: 10985  
AIHA Accreditation No.: 172  
California ELAP No.: 1406  
NVLAP Accreditation No.: 101384



TECHNICAL AND ADVISORY SERVICES • ENVIRONMENTAL HEALTH AND SAFETY

**TYPE OF ANALYSIS REQUESTED:**

Identification/Quantitation of Asbestos in Bulk Material.

**METHOD OF ANALYSIS:**

Sample(s) were analyzed according to guidelines for polarized light microscopy (PLM) set forth in the EPA "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93-116 (equivalent to EPA 600/M4-8-020, Dec., 1982)

**SENSITIVITY OF ANALYTICAL METHOD:**

Limit of detection/quantitation = 1% asbestos. The method employed was designed to reliably detect and quantify asbestos in bulk samples if present in concentrations of 1% or greater. The method may detect asbestos when present in concentrations below the method's established level of quantitation (1%). In such cases, the asbestos concentration is reported as "<1%". If quantitation below the 1% level is desired, analysis by either point count or transmission electron microscopy methods should be performed.

**CLIENT COLLECTION DATA:**

To the extent such data was provided by the client, sample locations and descriptions, sampler name and signature, and client instructions are shown on the copy of the client's laboratory sample submittal/chain of custody form(s) that accompany this report.

**RESULTS TABLE:**

The enclosed Results Table lists for each sample the following data: client identification number, description, homogeneity, type(s) and concentration(s) of asbestos fibers detected, and type(s) and concentration(s) of non-asbestos fibers detected.

Sample homogeneity is presented in one of the following ways: (1) "100%" = homogeneous sample; (2) "Composite" = non-homogeneous sample in which components were analyzed separately, but reported results represent a composite of the entire sample; or (3) each component listed by description and percentage of the entire sample followed by analytical findings for each component.

There are six types of regulated asbestiform minerals: chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite. The asbestos type(s) and their concentration(s) determined for samples of this report are given in the "Asbestos Fibers" column. For samples in which no asbestos fibers were detected, the term "BELOW LIMIT OF DETECTION" appears in the "Asbestos Fibers" column.

Asbestos concentration is expressed either as (1) the percentage observed or (2) "<1%" for samples in which asbestos was detected but in quantities less than the established level of quantitation (1%) of the analytical method employed.

The "Nonasbestos Fibers" column identifies non-asbestos fiber types, e.g., cellulose, synthetic, fibrous glass, that were detected in the sample(s). Each fiber type is followed by its concentration.

All fiber concentration percentages were determined by calibrated visual estimate (CVE) unless otherwise stated. The remainder of the sample(s) was non-fibrous material.

**FRIABILITY:**

Friability was assessed for all samples submitted for identification/quantitation of asbestos by PLM. A sample friability report will be provided if requested by the client at the time of sample submission and will include only those samples found to contain asbestos.

**BLANKS:**

Blank quality control samples of SEM 1866 (fibrous glass) were analyzed on the day(s) of sample analysis. Result: No asbestos contamination of refractive index fluids was detected.

Health Science Associates is accredited for PLM bulk asbestos fiber analysis under the following programs: National Voluntary Laboratory Accreditation Program (NVLAP Accreditation No.: 101384), California Department of Health Services-Environmental Laboratory Accreditation Program (CAL-ELAP Accreditation No.: 1406). Neither this report nor the NVLAP accreditation of this laboratory may be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

If you have any questions concerning this report or if Health Science Associates can be of further assistance, please do not hesitate to contact us.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.

# TRUESDAIL LABORATORIES, INC.

INDEPENDENT TESTING, FORENSIC SCIENCE, AND ENVIRONMENTAL ANALYSES



Established 1931

## REPORT

14201 FRANKLIN AVENUE  
TUSTIN, CALIFORNIA 92780-7008  
(714) 730-6239 · FAX (714) 730-6462  
www.truesdail.com

Client: Sierra Analytical Labs, Inc.  
26052 Merit Circle, Suite #105  
Laguna Hills, CA 92653

Report Date: January 6, 2004  
Date Received: November 11, 2003  
Laboratory No: 924270

Attention: Tracy Collins

Sample: Water/1  
Project No: 0310103

Investigation: Gross Alpha Activity by SM7110C  
Gross Beta Activity by EPA 900.0  
Tritium Analysis per EPA 906.0  
Strontium-90 Analysis per EPA 905.0 (by Severn Trent Labs)

### Analytical Results

Sample ID	Analysis	Activity pCi/L	Two Sigma Error	MDA pCi/L	Date Analyzed
0311122-01	Gross Alpha	3.22	+/- 1.38	1.65	12/10/03
	Gross Beta	5.02	+/- 2.94	4.12	12/18/03
	Tritium	-42.5	+/- 290	485	11/16/03
	Strontium-90	0.15	+/- 0.70	1.53	12/18/03

Gross Alpha results are based on a Uranium calibration curve.  
Gross Beta results are based on a Cesium calibration curve.

Respectfully submitted,  
TRUESDAIL LABORATORIES, INC

Rossina Tomova, Project Manager  
Radiochemistry Group



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Report Date: Wednesday, November 26, 2003
Received Date: Tuesday, November 11, 2003
Received Time: 1:16 pm

Turnaround Time: Normal

Client: Sierra Analytical
26052 Merit Circle, Suite 105
Laguna Hills, CA 92653

Phone: (949) 348-9389
FAX: (949) 348-9115

Attn: Tracy Collins

Project: 0311122

P.O.#:

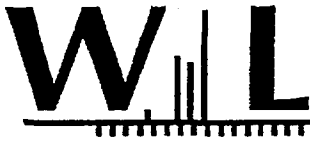
Certificate of Analysis

Work Order No: 311119-01
Sampled by: Client

Sample ID: 0311122-01
Sampled: 11/10/03 13:30

Matrix: Water
Sample Note: Dance Hall-2

Table with columns: Analyte, Result, Qualifier, Units, Limit, Dilution, Method, Prepared, Analyzed, Batch. Lists various pesticides and herbicides with their respective results (mostly ND) and detection limits.



**Weck Laboratories, Inc.**

Environmental and Analytical Services - Since 1964

### Certificate of Analysis

Work Order No: 3111119-01  
Sampled by: Client

Sample ID: 0311122-01  
Sampled: 11/10/03 13:30

Matrix: Water  
Sample Note: Dance Hall-2

Analyte	Result	Qualifier	Units	Reporting					
				Limit	Dilution	Method	Prepared	Analyzed	Batch
Endothall.....	ND	O-05	ug/l	45	1	EPA 548.1	11/21/03	11/25/03	em W311614
Diquat.....	ND		ug/l	4.0	1	EPA 549.2	11/14/03	11/14/03	hp W311340
Paraquat.....	ND		ug/l	4.0	1	EPA 549.2	11/14/03	11/14/03	hp W311340



**Weck Laboratories, Inc.**

Environmental and Analytical Services - Since 1964

**Quality Control Report**  
**Weck Laboratories, Inc**  
**Glyphosate by EPA 547 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
<b>Batch W311314 - EPA 547 - dir. inj.</b>									
<b>Blank (W311314-BLK1)</b>					<b>Prepared &amp; Analyzed: 11/13/03</b>				
Glyphosate.....		ND		ug/l					
<b>LCS (W311314-BS1)</b>					<b>Prepared &amp; Analyzed: 11/13/03</b>				
Glyphosate.....		22.6		ug/l	20.0	113	69-129		
<b>Matrix Spike (W311314-MS1)</b>					<b>Source: 3111120-01</b>		<b>Prepared &amp; Analyzed: 11/13/03</b>		
Glyphosate.....	ND	20.4		ug/l	20.0	102	69-129		
<b>Matrix Spike Dup (W311314-MSD1)</b>					<b>Source: 3111120-01</b>		<b>Prepared &amp; Analyzed: 11/13/03</b>		
Glyphosate.....	ND	19.9		ug/l	20.0	99.5	69-129	2.48	30

**Weck Laboratories, Inc**

**N & P Pesticides by EPA 507 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
<b>Batch W311290 - EPA 3510C</b>									
<b>Blank (W311290-BLK1)</b>					<b>Prepared: 11/12/03 Analyzed: 11/14/03</b>				
Alachlor.....		ND		ug/l					
Atrazine.....		ND		ug/l					
Bromacil.....		ND		ug/l					
Butachlor.....		ND		ug/l					
Diazinon.....		ND		ug/l					
Dimethoate.....		ND		ug/l					
Metolachlor.....		ND		ug/l					
Metribuzin.....		ND		ug/l					
Molinate.....		ND		ug/l					
Prometon.....		ND		ug/l					
Prometryn.....		ND		ug/l					
Simazine.....		ND		ug/l					
Thiobencarb.....		ND		ug/l					
Surrogate: 1,3-Dimethyl-2-nitrobenzene			2.11	ug/l	2.50	84.4	70-130		
<b>LCS (W311290-BS1)</b>					<b>Prepared: 11/12/03 Analyzed: 11/14/03</b>				
Alachlor.....		2.79		ug/l	4.00	69.8	25-160		
Atrazine.....		0.665		ug/l	1.00	66.5	22-156		
Bromacil.....		14.3		ug/l	20.0	71.5	28-168		
Butachlor.....		1.47		ug/l	2.00	73.5	23-160		
Diazinon.....		0.771		ug/l	1.00	77.1	14-157		
Metolachlor.....		1.39		ug/l	2.00	69.5	34-138		



**Quality Control Report**  
**Weck Laboratories, Inc**  
**N & P Pesticides by EPA 507 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
<b>Batch W311290 - EPA 3510C</b>									
<b>LCS (W311290-BS1)</b>					Prepared: 11/12/03 Analyzed: 11/14/03				
Metribuzin.....		1.46		ug/l	2.00	73.0	44-132		
Molinate.....		0.684		ug/l	1.00	68.4	24-163		
Prometryn.....		0.683		ug/l	1.00	68.3	21-160		
Simazine.....		0.711		ug/l	1.00	71.1	29-162		
Thiobencarb.....		2.82		ug/l	4.00	70.5	33-154		
Surrogate: 1,3-Dimethyl-2-nitrobenzene		1.88		ug/l	2.50	75.2	70-130		
<b>Matrix Spike (W311290-MS1)</b>					Source: 3110528-03 Prepared: 11/12/03 Analyzed: 11/14/03				
Alachlor.....	ND	3.40		ug/l	4.00	85.0	60-130		
Atrazine.....	0.19	1.01		ug/l	1.00	82.0	57-127		
Bromacil.....	ND	18.1		ug/l	20.0	90.5	56-126		
Butachlor.....	ND	1.79		ug/l	2.00	89.5	58-128		
Diazinon.....	ND	0.921		ug/l	1.00	92.1	58-128		
Metolachlor.....	ND	1.67		ug/l	2.00	83.5	23-149		
Metribuzin.....	ND	1.81		ug/l	2.00	90.5	66-136		
Molinate.....	ND	0.842		ug/l	1.00	84.2	63-133		
Prometryn.....	ND	0.866		ug/l	1.00	86.6	58-128		
Simazine.....	0.32	1.12		ug/l	1.00	80.0	65-135		
Thiobencarb.....	ND	3.38		ug/l	4.00	84.5	26-167		
Surrogate: 1,3-Dimethyl-2-nitrobenzene		2.30		ug/l	2.50	92.0	70-130		
<b>Matrix Spike Dup (W311290-MSD1)</b>					Source: 3110528-03 Prepared: 11/12/03 Analyzed: 11/14/03				
Alachlor.....	ND	2.99		ug/l	4.00	74.8	60-130	12.8	30
Atrazine.....	0.19	0.881		ug/l	1.00	69.1	57-127	13.6	30
Bromacil.....	ND	16.1		ug/l	20.0	80.5	56-126	11.7	30
Butachlor.....	ND	1.65		ug/l	2.00	82.5	58-128	8.14	30
Diazinon.....	ND	0.807		ug/l	1.00	80.7	58-128	13.2	30
Metolachlor.....	ND	1.57		ug/l	2.00	78.5	23-149	6.17	30
Metribuzin.....	ND	1.55		ug/l	2.00	77.5	66-136	15.5	30
Molinate.....	ND	0.757		ug/l	1.00	75.7	63-133	10.6	30
Prometryn.....	ND	0.741		ug/l	1.00	74.1	58-128	15.6	30
Simazine.....	0.32	0.985		ug/l	1.00	66.5	65-135	12.8	30
Thiobencarb.....	ND	3.12		ug/l	4.00	78.0	26-167	8.00	30
Surrogate: 1,3-Dimethyl-2-nitrobenzene		1.91		ug/l	2.50	76.4	70-130		

**Weck Laboratories, Inc**  
**Endothall By EPA 548.1 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
<b>Batch W311614 - EPA 548.1</b>									





**Quality Control Report**  
**Weck Laboratories, Inc**  
**Endothall By EPA 548.1 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
<b>Batch W311614 - EPA 548.1</b>									
<b>Blank (W311614-BLK1)</b>					Prepared: 11/21/03 Analyzed: 11/25/03				
Endothall.....		ND		ug/l					
<b>LCS (W311614-BS1)</b>					Prepared: 11/21/03 Analyzed: 11/25/03				
Endothall.....		48.4		ug/l	100	48.4	17-144		
<b>Matrix Spike (W311614-MS1)</b>					Source: 311119-01 Prepared: 11/21/03 Analyzed: 11/25/03				
Endothall.....	ND	33.8		ug/l	100	33.8	0.1-132		
<b>Matrix Spike Dup (W311614-MSD1)</b>					Source: 311119-01 Prepared: 11/21/03 Analyzed: 11/25/03				
Endothall.....	ND	29.8		ug/l	100	29.8	0.1-132	12.6	30

**Weck Laboratories, Inc**  
**Diquat and Paraquat by EPA 549.2 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
<b>Batch W311340 - EPA 549.2</b>									
<b>LCS (W311340-BS1)</b>					Prepared & Analyzed: 11/14/03				
Diquat.....		17.6		ug/l	20.0	88.0	70-130		
Paraquat.....		16.0		ug/l	20.0	80.0	70-130		
<b>Matrix Spike (W311340-MS1)</b>					Source: 311119-01 Prepared & Analyzed: 11/14/03				
Diquat.....	ND	22.2		ug/l	20.0	111	70-130		
Paraquat.....	ND	22.3		ug/l	20.0	112	70-130		
<b>Matrix Spike Dup (W311340-MSD1)</b>					Source: 311119-01 Prepared & Analyzed: 11/14/03				
Diquat.....	ND	22.0		ug/l	20.0	110	70-130	0.905	30
Paraquat.....	ND	21.3		ug/l	20.0	106	70-130	4.59	30

**Weck Laboratories, Inc**  
**Semivolatile Organic Compounds by EPA Method 525.2 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
<b>Batch W311274 - EPA 525.2</b>									
<b>Blank (W311274-BLK1)</b>					Prepared: 11/12/03 Analyzed: 11/13/03				
Bis(2-ethylhexyl)phthalate.....		ND		ug/l					
Bis(2-ethylhexyl)adipate.....		ND		ug/l					
Benzo (a) pyrene.....		ND		ug/l					



**Quality Control Report**  
**Weck Laboratories, Inc**

**Semivolatile Organic Compounds by EPA Method 525.2 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
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**Batch W311274 - EPA 525.2**

**Blank (W311274-BLK1)**

Prepared: 11/12/03 Analyzed: 11/13/03

Surrogate: 1,3-Dimethyl-2-nitrobenzene		5.76		ug/l	5.00	115	70-130		
Surrogate: Perylene-d12		4.31		ug/l	5.00	86.2	70-130		
Surrogate: Triphenyl phosphate		4.84		ug/l	5.00	96.8	70-130		

**LCS (W311274-BS1)**

Prepared: 11/12/03 Analyzed: 11/13/03

Bis(2-ethylhexyl)phthalate.....		6.39		ug/l	5.00	128	70-130		
Bis(2-ethylhexyl)adipate.....		6.32		ug/l	5.00	126	70-130		
Benzo (a) pyrene.....		4.34		ug/l	5.00	86.8	70-130		
Surrogate: 1,3-Dimethyl-2-nitrobenzene		5.50		ug/l	5.00	110	70-130		
Surrogate: Perylene-d12		5.12		ug/l	5.00	102	70-130		
Surrogate: Triphenyl phosphate		5.14		ug/l	5.00	103	70-130		

**LCS Dup (W311274-BSD1)**

Prepared: 11/12/03 Analyzed: 11/13/03

Bis(2-ethylhexyl)phthalate.....		6.06		ug/l	5.00	121	70-130	5.30	30
Bis(2-ethylhexyl)adipate.....		6.44		ug/l	5.00	129	70-130	1.88	30
Benzo (a) pyrene.....		5.30		ug/l	5.00	106	70-130	19.9	30
Surrogate: 1,3-Dimethyl-2-nitrobenzene		5.70		ug/l	5.00	114	70-130		
Surrogate: Perylene-d12		4.52		ug/l	5.00	90.4	70-130		
Surrogate: Triphenyl phosphate		5.47		ug/l	5.00	109	70-130		

**Weck Laboratories, Inc**

**Carbamates in Water by EPA Method 531.1 - Quality Control**

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
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**Batch W311376 - EPA 531.1- dir. inj.**

**Blank (W311376-BLK1)**

Prepared & Analyzed: 11/17/03

Aldicarb sulfoxide.....		ND		ug/l					
Aldicarb sulfone.....		ND		ug/l					
Oxamyl.....		ND		ug/l					
Methomyl.....		ND		ug/l					
3-Hydroxycarbofuran.....		ND		ug/l					
Aldicarb.....		ND		ug/l					
Propoxur (Baygon).....		ND		ug/l					
Carbofuran.....		ND		ug/l					
Carbaryl.....		ND		ug/l					
Methiocarb.....		ND		ug/l					

**LCS (W311376-BS1)**

Prepared & Analyzed: 11/17/03

Aldicarb sulfoxide.....		12.3	Q-08	ug/l	10.0	123	80-120		
Aldicarb sulfone.....		11.7		ug/l	10.0	117	80-120		



**Weck Laboratories, Inc.**  
Environmental and Analytical Services - Since 1964

### Quality Control Report



*[Handwritten Signature]*  
\_\_\_\_\_  
Authorized Signature

ELAP # 1132  
LACSD # 10143

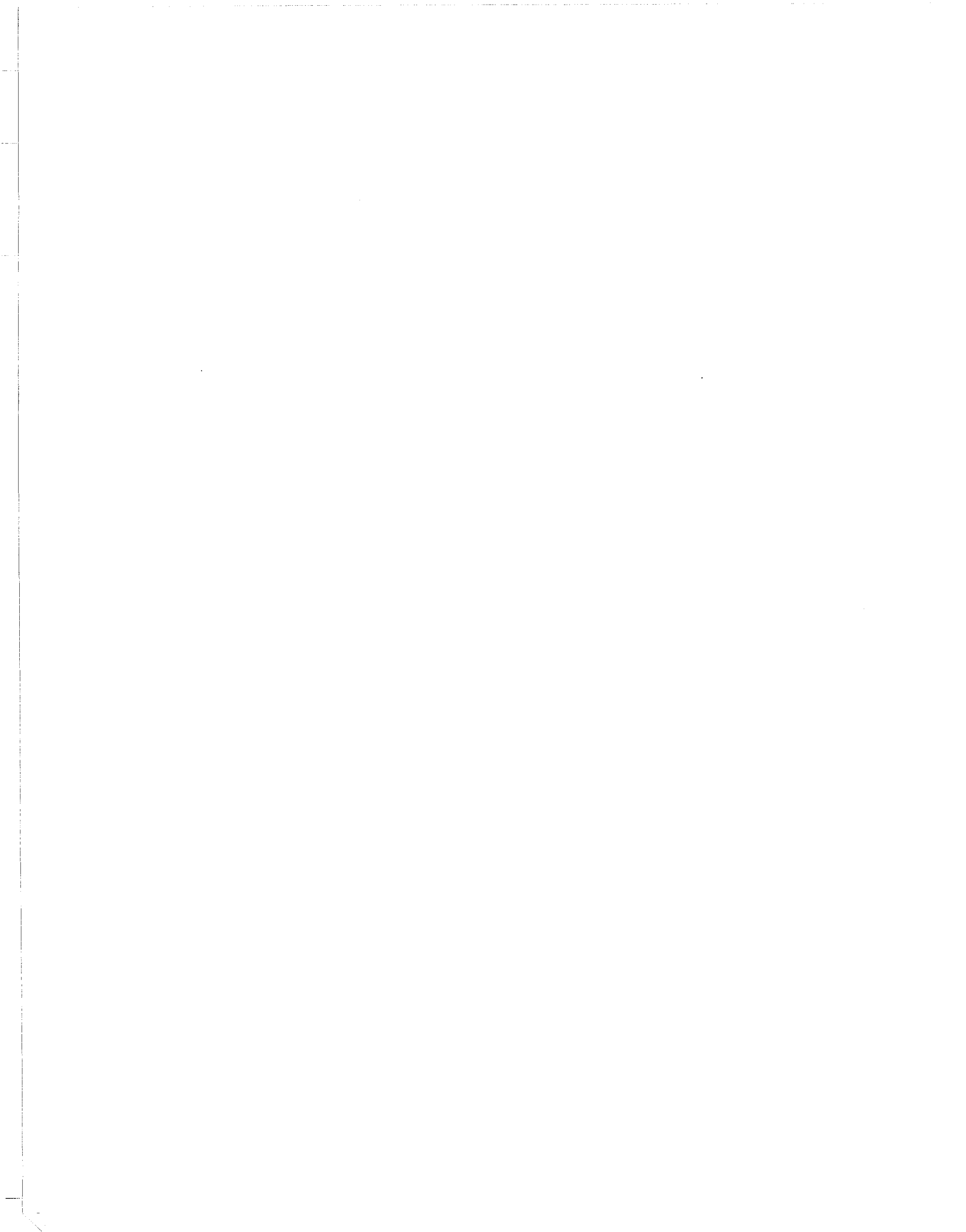
*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Notes:**

- The Chain of Custody document is part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless otherwise specified.
- ND=Not detected, below the reporting limit.
- Sub=Subcontracted analysis, original report enclosed.

**Flags for Data Qualifiers:**

- O-05 = This sample was extracted outside of the EPA recommended holding time.
- Q-08 = This analyte bias high in QC sample, but not found in samples.





ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CVWD #1	0502045-01	Water	02/02/05 14:00	02/02/05 15:00
Dance Hall	0502045-02	Water	02/02/05 14:40	02/02/05 15:00
Kinoshita	0502045-03	Water	02/02/05 14:10	02/02/05 15:00
SBJA #4	0502045-04	Water	02/02/05 13:40	02/02/05 15:00
Tirador	0502045-05	Water	02/02/05 14:20	02/02/05 15:00
SBJA #2	0502045-06	Water	02/02/05 13:50	02/02/05 15:00

#### CASE NARRATIVE

**SAMPLE RECEIPT:** Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.  
**PRESERVATION:** Samples requiring preservation were verified prior to sample preparation and analysis.  
**HOLDING TIMES:** All holding times were met, unless otherwise noted in the report with data qualifiers.  
**QA/QC CRITERIA:** All quality objective criteria were met, except as noted in the report with data qualifiers.

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Microbiological Parameters by APHA Standard Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502045-01) Water Sampled: 02/02/05 14:00 Received: 02/02/05 15:00</b>									
Plate Count (1 ml)	17	1	CFU/mL	1	B5B0315	02/02/05	02/02/05	SM 9215B	
Total Coliforms	Absent	0.0	P/A	"	"	"	"	SM 9223B	
<b>Dance Hall (0502045-02) Water Sampled: 02/02/05 14:40 Received: 02/02/05 15:00</b>									
Plate Count (1 ml)	47	1	CFU/mL	1	B5B0315	02/02/05	02/02/05	SM 9215B	
Total Coliforms	Absent	0.0	P/A	"	"	"	"	SM 9223B	
<b>Kinoshita (0502045-03) Water Sampled: 02/02/05 14:10 Received: 02/02/05 15:00</b>									
Plate Count (1 ml)	8	1	CFU/mL	1	B5B0315	02/02/05	02/02/05	SM 9215B	
Total Coliforms	Absent	0.0	P/A	"	"	"	"	SM 9223B	
<b>SBJA #4 (0502045-04) Water Sampled: 02/02/05 13:40 Received: 02/02/05 15:00</b>									
Plate Count (1 ml)	41	1	CFU/mL	1	B5B0315	02/02/05	02/02/05	SM 9215B	
Total Coliforms	Absent	0.0	P/A	"	"	"	"	SM 9223B	
<b>Tirador (0502045-05) Water Sampled: 02/02/05 14:20 Received: 02/02/05 15:00</b>									
Plate Count (1 ml)	63	1	CFU/mL	1	B5B0315	02/02/05	02/02/05	SM 9215B	
Total Coliforms	Absent	0.0	P/A	"	"	"	"	SM 9223B	
<b>SBJA #2 (0502045-06) Water Sampled: 02/02/05 13:50 Received: 02/02/05 15:00</b>									
Plate Count (1 ml)	22	1	CFU/mL	1	B5B0315	02/02/05	02/02/05	SM 9215B	
Total Coliforms	Absent	0.0	P/A	"	"	"	"	SM 9223B	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Conventional Chemistry Parameters by APHA/EPA Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502045-01) Water Sampled: 02/02/05 14:00 Received: 02/02/05 15:00</b>									
Total Alkalinity	316	0.400	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	316	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	255	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2110	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.390	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	786	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	6.81	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	500	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1480	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	0.880	0.0200	NTU	"	"	"	"	EPA 180.1	
<b>Dance Hall (0502045-02) Water Sampled: 02/02/05 14:40 Received: 02/02/05 15:00</b>									
Total Alkalinity	440	0.400	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	440	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	278	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	3090	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.630	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	1020	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	6.97	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	750	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	2240	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	29.3	0.0200	NTU	"	"	"	"	EPA 180.1	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Conventional Chemistry Parameters by APHA/EPA Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Kinoshita (0502045-03) Water</b> Sampled: 02/02/05 14:10 Received: 02/02/05 15:00									
Total Alkalinity	340	0.400	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	340	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	225	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2080	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.250	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	784	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.05	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	500	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1480	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	27.2	0.0200	NTU	"	"	"	"	EPA 180.1	
<b>SBJA #4 (0502045-04) Water</b> Sampled: 02/02/05 13:40 Received: 02/02/05 15:00									
Total Alkalinity	334	0.400	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	334	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	289	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2500	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.250	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	848	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	6.98	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	650	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1770	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	5.70	0.0200	NTU	"	"	"	"	EPA 180.1	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Conventional Chemistry Parameters by APHA/EPA Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Tirador (0502045-05) Water</b> Sampled: 02/02/05 14:20 Received: 02/02/05 15:00									
Total Alkalinity	326	0.400	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	326	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	324	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	3370	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.800	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	918	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	6.99	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	1000	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	2410	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	17.3	0.0200	NTU	"	"	"	"	EPA 180.1	
<b>SBJA #2 (0502045-06) Water</b> Sampled: 02/02/05 13:50 Received: 02/02/05 15:00									
Total Alkalinity	402	0.400	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	402	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	248	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2350	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.250	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	816	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	6.98	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	575	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1660	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	2.60	0.0200	NTU	"	"	"	"	EPA 180.1	

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
 Project Number: (Wells)  
 Project Manager: Pierre Dreher

Reported:  
 02/17/05 13:26

**Physical Parameters by APHA/ASTM/EPA Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502045-01) Water Sampled: 02/02/05 14:00 Received: 02/02/05 15:00</b>									
Langlier's Index	+0.02		N/A	1	B5B0318	02/02/05	02/02/05	Calculation	
<b>Dance Hall (0502045-02) Water Sampled: 02/02/05 14:40 Received: 02/02/05 15:00</b>									
Langlier's Index	+0.39		N/A	1	B5B0318	02/02/05	02/02/05	Calculation	
<b>Kinoshita (0502045-03) Water Sampled: 02/02/05 14:10 Received: 02/02/05 15:00</b>									
Langlier's Index	+0.33		N/A	1	B5B0318	02/02/05	02/02/05	Calculation	
<b>SBJA #4 (0502045-04) Water Sampled: 02/02/05 13:40 Received: 02/02/05 15:00</b>									
Langlier's Index	+0.26		N/A	1	B5B0318	02/02/05	02/02/05	Calculation	
<b>Tirador (0502045-05) Water Sampled: 02/02/05 14:20 Received: 02/02/05 15:00</b>									
Langlier's Index	+0.24		N/A	1	B5B0318	02/02/05	02/02/05	Calculation	
<b>SBJA #2 (0502045-06) Water Sampled: 02/02/05 13:50 Received: 02/02/05 15:00</b>									
Langlier's Index	+0.32		N/A	1	B5B0318	02/02/05	02/02/05	Calculation	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Anions by EPA Method 300.0**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502045-01) Water    Sampled: 02/02/05 14:00    Received: 02/02/05 15:00</b>									
Nitrate as N	1.50	0.0200	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 300.0	
Nitrate as NO3	6.67	0.100	"	"	"	"	"	"	
<b>Dance Hall (0502045-02) Water    Sampled: 02/02/05 14:40    Received: 02/02/05 15:00</b>									
Nitrate as N	1.10	0.0200	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 300.0	
Nitrate as NO3	4.89	0.100	"	"	"	"	"	"	
<b>Kinoshita (0502045-03) Water    Sampled: 02/02/05 14:10    Received: 02/02/05 15:00</b>									
Nitrate as N	0.800	0.0200	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 300.0	
Nitrate as NO3	3.56	0.100	"	"	"	"	"	"	
<b>SBJA #4 (0502045-04) Water    Sampled: 02/02/05 13:40    Received: 02/02/05 15:00</b>									
Nitrate as N	0.500	0.0200	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 300.0	
Nitrate as NO3	2.22	0.100	"	"	"	"	"	"	
<b>Tirador (0502045-05) Water    Sampled: 02/02/05 14:20    Received: 02/02/05 15:00</b>									
Nitrate as N	0.700	0.0200	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 300.0	
Nitrate as NO3	3.11	0.100	"	"	"	"	"	"	
<b>SBJA #2 (0502045-06) Water    Sampled: 02/02/05 13:50    Received: 02/02/05 15:00</b>									
Nitrate as N	1.20	0.0200	mg/L	1	B5B0318	02/02/05	02/02/05	EPA 300.0	
Nitrate as NO3	5.34	0.100	"	"	"	"	"	"	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Total Organic Carbon (TOC) by SM 5310 B**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502045-01) Water    Sampled: 02/02/05 14:00    Received: 02/02/05 15:00</b>									
Total Organic Carbon	ND	0.50	mg/L	1	B5B0913	02/02/05	02/08/05	SM 5310 B	
<b>Dance Hall (0502045-02) Water    Sampled: 02/02/05 14:40    Received: 02/02/05 15:00</b>									
Total Organic Carbon	ND	0.50	mg/L	1	B5B0913	02/02/05	02/08/05	SM 5310 B	
<b>Kinoshita (0502045-03) Water    Sampled: 02/02/05 14:10    Received: 02/02/05 15:00</b>									
Total Organic Carbon	ND	0.50	mg/L	1	B5B0913	02/02/05	02/08/05	SM 5310 B	
<b>SBJA #4 (0502045-04) Water    Sampled: 02/02/05 13:40    Received: 02/02/05 15:00</b>									
Total Organic Carbon	ND	0.50	mg/L	1	B5B0913	02/02/05	02/08/05	SM 5310 B	
<b>Tirador (0502045-05) Water    Sampled: 02/02/05 14:20    Received: 02/02/05 15:00</b>									
Total Organic Carbon	ND	0.50	mg/L	1	B5B0913	02/02/05	02/08/05	SM 5310 B	
<b>SBJA #2 (0502045-06) Water    Sampled: 02/02/05 13:50    Received: 02/02/05 15:00</b>									
Total Organic Carbon	ND	0.50	mg/L	1	B5B0913	02/02/05	02/08/05	SM 5310 B	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Metals by EPA 200 Series Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CVWD #1 (0502045-01) Water    Sampled: 02/02/05 14:00    Received: 02/02/05 15:00**

Silver	ND	0.0030	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	02/08/05	"	
Arsenic	ND	0.025	"	"	"	"	02/08/05	"	
<b>Barium</b>	<b>0.054</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	02/08/05	"	
<b>Calcium</b>	<b>220</b>	0.53	"	"	"	"	02/08/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/08/05	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	02/08/05	"	
<b>Iron</b>	<b>0.094</b>	0.064	"	"	"	"	02/08/05	"	
Mercury	ND	0.00073	"	"	B5B0826	02/08/05	02/09/05	EPA 245.1	
<b>Potassium</b>	<b>4.0</b>	0.90	"	"	B5B0806	02/08/05	02/08/05	EPA 200.7	
<b>Magnesium</b>	<b>44</b>	0.41	"	"	"	"	02/08/05	"	
<b>Manganese</b>	<b>0.12</b>	0.011	"	"	"	"	"	"	
<b>Sodium</b>	<b>140</b>	0.71	"	"	"	"	02/08/05	"	
Nickel	ND	0.010	"	"	"	"	02/08/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
<b>Silica (SiO2)</b>	<b>30</b>	0.15	"	"	"	"	02/08/05	"	
<b>Strontium</b>	<b>1.1</b>	0.089	"	"	"	"	02/08/05	"	
Thallium	ND	0.011	"	"	"	"	02/08/05	"	
Zinc	ND	0.024	"	"	"	"	"	"	

**Dance Hall (0502045-02) Water    Sampled: 02/02/05 14:40    Received: 02/02/05 15:00**

Silver	ND	0.0030	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	02/08/05	"	
Arsenic	ND	0.025	"	"	"	"	02/08/05	"	
<b>Barium</b>	<b>0.072</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	02/08/05	"	
<b>Calcium</b>	<b>280</b>	0.53	"	"	"	"	02/08/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/08/05	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	02/08/05	"	
<b>Iron</b>	<b>4.2</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5B0826	02/08/05	02/09/05	EPA 245.1	
<b>Potassium</b>	<b>6.8</b>	0.90	"	"	B5B0806	02/08/05	02/08/05	EPA 200.7	
<b>Magnesium</b>	<b>79</b>	0.41	"	"	"	"	02/08/05	"	
<b>Manganese</b>	<b>2.0</b>	0.011	"	"	"	"	"	"	
<b>Sodium</b>	<b>270</b>	0.71	"	"	"	"	02/08/05	"	
Nickel	ND	0.010	"	"	"	"	02/08/05	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Metals by EPA 200 Series Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Dance Hall (0502045-02) Water</b> Sampled: 02/02/05 14:40 Received: 02/02/05 15:00									
Lead	ND	0.019	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
<b>Silica (SiO2)</b>	<b>36</b>	0.15	"	"	"	"	02/08/05	"	
<b>Strontium</b>	<b>1.4</b>	0.089	"	"	"	"	02/08/05	"	
Thallium	ND	0.011	"	"	"	"	02/08/05	"	
Zinc	ND	0.024	"	"	"	"	"	"	
<b>Kinoshita (0502045-03) Water</b> Sampled: 02/02/05 14:10 Received: 02/02/05 15:00									
Silver	ND	0.0030	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	02/08/05	"	
Arsenic	ND	0.025	"	"	"	"	02/08/05	"	
<b>Barium</b>	<b>0.084</b>	0.019	"	"	"	"	02/08/05	"	
Beryllium	ND	0.0090	"	"	"	"	"	"	
<b>Calcium</b>	<b>240</b>	0.53	"	"	"	"	02/08/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/08/05	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	02/08/05	"	
<b>Iron</b>	<b>1.8</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5B0826	02/08/05	02/09/05	EPA 245.1	
<b>Potassium</b>	<b>4.6</b>	0.90	"	"	B5B0806	02/08/05	02/08/05	EPA 200.7	
<b>Magnesium</b>	<b>47</b>	0.41	"	"	"	"	02/08/05	"	
<b>Manganese</b>	<b>0.42</b>	0.011	"	"	"	"	"	"	
<b>Sodium</b>	<b>110</b>	0.71	"	"	"	"	02/08/05	"	
Nickel	ND	0.010	"	"	"	"	02/08/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
<b>Silica (SiO2)</b>	<b>29</b>	0.15	"	"	"	"	02/08/05	"	
<b>Strontium</b>	<b>1.3</b>	0.089	"	"	"	"	02/08/05	"	
Thallium	ND	0.011	"	"	"	"	02/08/05	"	
Zinc	ND	0.024	"	"	"	"	"	"	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Metals by EPA 200 Series Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SBJA #4 (0502045-04) Water**    Sampled: 02/02/05 13:40    Received: 02/02/05 15:00

Silver	ND	0.0030	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	"	"	
Arsenic	ND	0.025	"	"	"	"	"	"	
<b>Barium</b>	<b>0.068</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	"	"	
<b>Calcium</b>	<b>250</b>	0.53	"	"	"	"	02/08/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/08/05	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	"	"	
<b>Iron</b>	<b>0.20</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5B0826	02/08/05	02/09/05	EPA 245.1	
<b>Potassium</b>	<b>5.2</b>	0.90	"	"	B5B0806	02/08/05	02/08/05	EPA 200.7	
<b>Magnesium</b>	<b>56</b>	0.41	"	"	"	"	02/08/05	"	
<b>Manganese</b>	<b>0.65</b>	0.011	"	"	"	"	"	"	
<b>Sodium</b>	<b>190</b>	0.71	"	"	"	"	02/08/05	"	
Nickel	ND	0.010	"	"	"	"	02/08/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
<b>Silica (SiO2)</b>	<b>33</b>	0.15	"	"	"	"	"	"	
<b>Strontium</b>	<b>1.3</b>	0.089	"	"	"	"	02/08/05	"	
Thallium	ND	0.011	"	"	"	"	02/08/05	"	
Zinc	ND	0.024	"	"	"	"	"	"	

**Tirador (0502045-05) Water**    Sampled: 02/02/05 14:20    Received: 02/02/05 15:00

Silver	ND	0.0030	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	"	"	
Arsenic	ND	0.025	"	"	"	"	02/08/05	"	
<b>Barium</b>	<b>0.046</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	02/08/05	"	
<b>Calcium</b>	<b>260</b>	0.53	"	"	"	"	02/08/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/08/05	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	02/08/05	"	
<b>Iron</b>	<b>2.3</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5B0826	02/08/05	02/09/05	EPA 245.1	
<b>Potassium</b>	<b>7.4</b>	0.90	"	"	B5B0806	02/08/05	02/08/05	EPA 200.7	
<b>Magnesium</b>	<b>72</b>	0.41	"	"	"	"	02/08/05	"	
<b>Manganese</b>	<b>1.9</b>	0.011	"	"	"	"	"	"	
<b>Sodium</b>	<b>340</b>	0.71	"	"	"	"	02/08/05	"	
Nickel	ND	0.010	"	"	"	"	02/08/05	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Tirador (0502045-05) Water</b> Sampled: 02/02/05 14:20 Received: 02/02/05 15:00									
Lead	ND	0.019	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
<b>Silica (SiO2)</b>	<b>35</b>	0.15	"	"	"	"	02/08/05	"	
<b>Strontium</b>	<b>1.3</b>	0.089	"	"	"	"	02/08/05	"	
Thallium	ND	0.011	"	"	"	"	02/08/05	"	
Zinc	ND	0.024	"	"	"	"	"	"	
<b>SBJA #2 (0502045-06) Water</b> Sampled: 02/02/05 13:50 Received: 02/02/05 15:00									
Silver	ND	0.0030	mg/L	1	B5B0806	02/08/05	02/08/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	"	"	
Arsenic	ND	0.025	"	"	"	"	"	"	
<b>Barium</b>	<b>0.060</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	"	"	
<b>Calcium</b>	<b>240</b>	0.53	"	"	"	"	02/08/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/08/05	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	"	"	
<b>Iron</b>	<b>0.20</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5B0826	02/08/05	02/09/05	EPA 245.1	
<b>Potassium</b>	<b>5.0</b>	0.90	"	"	B5B0806	02/08/05	02/08/05	EPA 200.7	
<b>Magnesium</b>	<b>50</b>	0.41	"	"	"	"	02/08/05	"	
<b>Manganese</b>	<b>0.33</b>	0.011	"	"	"	"	"	"	
<b>Sodium</b>	<b>170</b>	0.71	"	"	"	"	02/08/05	"	
Nickel	ND	0.010	"	"	"	"	02/08/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
<b>Silica (SiO2)</b>	<b>31</b>	0.15	"	"	"	"	"	"	
<b>Strontium</b>	<b>1.3</b>	0.089	"	"	"	"	02/08/05	"	
Thallium	ND	0.011	"	"	"	"	02/08/05	"	
Zinc	ND	0.024	"	"	"	"	"	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502045-01) Water Sampled: 02/02/05 14:00 Received: 02/02/05 15:00</b>									
Benzene	ND	0.500	µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.500	"	"	"	"	"	"	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.500	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	0.500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.500	"	"	"	"	"	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502045-01) Water    Sampled: 02/02/05 14:00    Received: 02/02/05 15:00</b>									
Methylene chloride	ND	0.500	µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		92.0 %	86-118	"	"	"	"	"	
Surrogate: Toluene-d8		92.2 %	88-110	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	86-115	"	"	"	"	"	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>Dance Hall (0502045-02) Water    Sampled: 02/02/05 14:40    Received: 02/02/05 15:00</b>										
Benzene	ND	0.500		µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Bromobenzene	ND	0.500		"	"	"	"	"	"	
Bromochloromethane	ND	0.500		"	"	"	"	"	"	
Bromodichloromethane	ND	0.500		"	"	"	"	"	"	
Bromoform	ND	0.500		"	"	"	"	"	"	
Bromomethane	ND	0.500		"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00		"	"	"	"	"	"	
n-Butylbenzene	ND	0.500		"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500		"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500		"	"	"	"	"	"	
Chlorobenzene	ND	0.500		"	"	"	"	"	"	
Chloroethane	ND	0.500		"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00		"	"	"	"	"	"	
Chloroform	ND	0.500		"	"	"	"	"	"	
Chloromethane	ND	0.500		"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500		"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500		"	"	"	"	"	"	
Dibromochloromethane	ND	0.500		"	"	"	"	"	"	
Dibromomethane	ND	0.500		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500		"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500		"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500		"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500		"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500		"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500		"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500		"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500		"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00		"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00		"	"	"	"	"	"	
Ethylbenzene	ND	0.500		"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500		"	"	"	"	"	"	
Isopropylbenzene	ND	0.500		"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.500		"	"	"	"	"	"	

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
 Project Number: (Wells)  
 Project Manager: Pierre Dreher

Reported:  
 02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Dance Hall (0502045-02) Water Sampled: 02/02/05 14:40 Received: 02/02/05 15:00</b>									
Methylene chloride	ND	0.500	µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		92.6 %	86-118	"	"	"	"	"	
Surrogate: Toluene-d8		94.6 %	88-110	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.6 %	86-115	"	"	"	"	"	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Kinoshita (0502045-03) Water    Sampled: 02/02/05 14:10    Received: 02/02/05 15:00</b>									
Benzene	ND	0.500	µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.500	"	"	"	"	"	"	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.500	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	0.500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.500	"	"	"	"	"	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>Kinoshita (0502045-03) Water Sampled: 02/02/05 14:10 Received: 02/02/05 15:00</b>										
Methylene chloride	ND	0.500		µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00		"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00		"	"	"	"	"	"	
Naphthalene	ND	0.500		"	"	"	"	"	"	
n-Propylbenzene	ND	0.500		"	"	"	"	"	"	
Styrene	ND	0.500		"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00		"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00		"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500		"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500		"	"	"	"	"	"	
Tetrachloroethene	ND	0.500		"	"	"	"	"	"	
Toluene	ND	0.500		"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500		"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500		"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500		"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500		"	"	"	"	"	"	
Trichloroethene	ND	0.500		"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00		"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0		"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500		"	"	"	"	"	"	
Vinyl chloride	ND	0.500		"	"	"	"	"	"	
m,p-Xylene	ND	0.500		"	"	"	"	"	"	
o-Xylene	ND	0.500		"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		93.4 %		86-118		"	"	"	"	
Surrogate: Toluene-d8		92.6 %		88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %		86-115		"	"	"	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SBJA #4 (0502045-04) Water Sampled: 02/02/05 13:40 Received: 02/02/05 15:00</b>									
Benzene	ND	0.500	µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.500	"	"	"	"	"	"	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.500	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	0.500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.500	"	"	"	"	"	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SBJA #4 (0502045-04) Water Sampled: 02/02/05 13:40 Received: 02/02/05 15:00</b>									
Methylene chloride	ND	0.500	µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		92.8 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.8 %	86-115		"	"	"	"	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>SBJA #2 (0502045-06) Water Sampled: 02/02/05 13:50 Received: 02/02/05 15:00</b>										
Benzene	ND	0.500		µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Bromobenzene	ND	0.500		"	"	"	"	"	"	
Bromochloromethane	ND	0.500		"	"	"	"	"	"	
Bromodichloromethane	ND	0.500		"	"	"	"	"	"	
Bromoform	ND	0.500		"	"	"	"	"	"	
Bromomethane	ND	0.500		"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00		"	"	"	"	"	"	
n-Butylbenzene	ND	0.500		"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500		"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500		"	"	"	"	"	"	
Chlorobenzene	ND	0.500		"	"	"	"	"	"	
Chloroethane	ND	0.500		"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00		"	"	"	"	"	"	
Chloroform	ND	0.500		"	"	"	"	"	"	
Chloromethane	ND	0.500		"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500		"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500		"	"	"	"	"	"	
Dibromochloromethane	ND	0.500		"	"	"	"	"	"	
Dibromomethane	ND	0.500		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500		"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500		"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500		"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500		"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500		"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500		"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500		"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500		"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00		"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00		"	"	"	"	"	"	
Ethylbenzene	ND	0.500		"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500		"	"	"	"	"	"	
Isopropylbenzene	ND	0.500		"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.500		"	"	"	"	"	"	

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
 Project Number: (Wells)  
 Project Manager: Pierre Dreher

Reported:  
 02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SBJA #2 (0502045-06) Water Sampled: 02/02/05 13:50 Received: 02/02/05 15:00</b>									
Methylene chloride	ND	0.500	µg/L	1	B5B0705	02/04/05	02/04/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		91.6 %	86-118	"	"	"	"	"	
Surrogate: Toluene-d8		93.4 %	88-110	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.2 %	86-115	"	"	"	"	"	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Total Organic Carbon (TOC) by SM 5310 B - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0913 - Micro Prep**

**Blank (B5B0913-BLK1)**

Prepared & Analyzed: 02/08/05

Total Organic Carbon	ND	0.50	mg/L							
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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0806 - EPA 200 Series**

**Blank (B5B0806-BLK1)**

Prepared & Analyzed: 02/08/05

Aluminum	ND	0.063	mg/L							
Antimony	ND	0.023	"							
Arsenic	ND	0.025	"							
Barium	ND	0.019	"							
Beryllium	ND	0.0090	"							
Cadmium	ND	0.0040	"							
Calcium	ND	0.53	"							
Chromium	ND	0.0060	"							
Copper	ND	0.012	"							
Iron	ND	0.064	"							
Lead	ND	0.019	"							
Magnesium	ND	0.41	"							
Manganese	ND	0.011	"							
Nickel	ND	0.010	"							
Potassium	ND	0.90	"							
Selenium	ND	0.026	"							
Silver	ND	0.0030	"							
Sodium	1.17	0.71	"							QB-01
Strontium	ND	0.089	"							
Thallium	ND	0.011	"							
Zinc	ND	0.024	"							
Silica (SiO2)	ND	0.15	"							

**Blank (B5B0806-BLK2)**

Prepared & Analyzed: 02/08/05

Aluminum	ND	0.063	mg/L							
Antimony	ND	0.023	"							
Arsenic	ND	0.025	"							
Barium	ND	0.019	"							
Beryllium	ND	0.0090	"							
Cadmium	ND	0.0040	"							
Calcium	ND	0.53	"							
Chromium	ND	0.0060	"							
Copper	ND	0.012	"							
Iron	ND	0.064	"							
Lead	ND	0.019	"							
Magnesium	ND	0.41	"							
Manganese	ND	0.011	"							

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0806 - EPA 200 Series**

Blank (B5B0806-BLK2)										Prepared & Analyzed: 02/08/05
Nickel	ND	0.010	mg/L							
Potassium	ND	0.90	"							
Selenium	ND	0.026	"							
Silver	ND	0.0030	"							
Sodium	1.75	0.71	"							QB-01
Strontium	ND	0.089	"							
Thallium	ND	0.011	"							
Zinc	ND	0.024	"							
Silica (SiO2)	ND	0.15	"							

**LCS (B5B0806-BS1)**

LCS (B5B0806-BS1)										Prepared & Analyzed: 02/08/05
Aluminum	0.190	0.063	mg/L	0.200		95.0	75-125			
Antimony	0.208	0.023	"	0.200		104	85-115			
Arsenic	0.201	0.025	"	0.200		100	80-120			
Barium	0.205	0.019	"	0.200		102	85-115			
Beryllium	0.211	0.0090	"	0.200		106	85-115			
Cadmium	0.200	0.0040	"	0.200		100	85-115			
Calcium	9.89	0.53	"	10.2		97.0	80-120			
Chromium	0.212	0.0060	"	0.200		106	85-115			
Copper	0.207	0.012	"	0.200		104	85-115			
Iron	0.204	0.064	"	0.200		102	70-130			
Lead	0.204	0.019	"	0.200		102	85-115			
Magnesium	10.0	0.41	"	10.2		98.0	80-120			
Manganese	0.204	0.011	"	0.200		102	85-115			
Nickel	0.202	0.010	"	0.200		101	85-115			
Potassium	10.6	0.90	"	10.2		104	80-120			
Selenium	0.200	0.026	"	0.200		100	85-115			
Silver	0.200	0.0030	"	0.200		100	85-115			
Sodium	11.1	0.71	"	10.2		109	80-120			
Strontium	0.205	0.089	"	0.200		102	75-125			
Thallium	0.204	0.011	"	0.200		102	85-115			
Zinc	0.199	0.024	"	0.200		99.5	85-115			
Silica (SiO2)	0.250	0.15	"	0.200		125	60-140			

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0806 - EPA 200 Series**

**LCS (B5B0806-BS2)**

Prepared & Analyzed: 02/08/05

Aluminum	0.171	0.063	mg/L	0.200		85.5	75-125			
Antimony	0.202	0.023	"	0.200		101	85-115			
Arsenic	0.201	0.025	"	0.200		100	80-120			
Barium	0.204	0.019	"	0.200		102	85-115			
Beryllium	0.210	0.0090	"	0.200		105	85-115			
Cadmium	0.203	0.0040	"	0.200		102	85-115			
Calcium	9.61	0.53	"	10.2		94.2	80-120			
Chromium	0.215	0.0060	"	0.200		108	85-115			
Copper	0.210	0.012	"	0.200		105	85-115			
Iron	0.211	0.064	"	0.200		106	70-130			
Lead	0.203	0.019	"	0.200		102	85-115			
Magnesium	10.1	0.41	"	10.2		99.0	80-120			
Manganese	0.208	0.011	"	0.200		104	85-115			
Nickel	0.201	0.010	"	0.200		100	85-115			
Potassium	10.9	0.90	"	10.2		107	80-120			
Selenium	0.201	0.026	"	0.200		100	85-115			
Silver	0.204	0.0030	"	0.200		102	85-115			
Sodium	11.4	0.71	"	10.2		112	80-120			
Strontium	0.201	0.089	"	0.200		100	75-125			
Thallium	0.201	0.011	"	0.200		100	85-115			
Zinc	0.199	0.024	"	0.200		99.5	85-115			
Silica (SiO2)	0.244	0.15	"	0.200		122	60-140			

**Matrix Spike (B5B0806-MS1)**

Source: 0502045-01

Prepared & Analyzed: 02/08/05

Aluminum	0.198	0.063	mg/L	0.200	ND	99.0	70-130			
Antimony	0.214	0.023	"	0.200	ND	107	70-130			
Arsenic	0.207	0.025	"	0.200	ND	104	70-130			
Barium	0.257	0.019	"	0.200	0.054	102	70-130			
Beryllium	0.212	0.0090	"	0.200	ND	106	70-130			
Cadmium	0.203	0.0040	"	0.200	0.00088	101	70-130			
Calcium	237	0.53	"	10.2	220	167	70-130			
Chromium	0.215	0.0060	"	0.200	0.0043	105	75-130			
Copper	0.217	0.012	"	0.200	ND	108	70-130			
Iron	0.304	0.064	"	0.200	0.094	105	70-130			
Lead	0.202	0.019	"	0.200	ND	101	70-130			
Magnesium	53.9	0.41	"	10.2	44	97.1	70-130			
Manganese	0.322	0.011	"	0.200	0.12	101	70-130			

QM-07

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.



ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0806 - EPA 200 Series**

**Matrix Spike (B5B0806-MS1)**

Source: 0502045-01

Prepared & Analyzed: 02/08/05

Nickel	0.202	0.010	mg/L	0.200	ND	101	70-130			
Potassium	15.6	0.90	"	10.2	4.0	114	70-130			
Selenium	0.192	0.026	"	0.200	ND	96.0	70-130			
Silver	0.203	0.0030	"	0.200	ND	102	70-130			
Sodium	160	0.71	"	10.2	140	196	70-130			QM-07
Strontium	1.35	0.089	"	0.200	1.1	125	70-130			
Thallium	0.195	0.011	"	0.200	ND	97.5	70-130			
Zinc	0.202	0.024	"	0.200	ND	101	70-130			
Silica (SiO2)	30.0	0.15	"	0.200	30	0.00	60-140			QM-07

**Matrix Spike (B5B0806-MS2)**

Source: 0502120-05

Prepared & Analyzed: 02/08/05

Aluminum	0.182	0.063	mg/L	0.200	ND	91.0	70-130			
Antimony	0.211	0.023	"	0.200	ND	106	70-130			
Arsenic	0.222	0.025	"	0.200	0.011	106	70-130			
Barium	0.325	0.019	"	0.200	0.12	102	70-130			
Beryllium	0.210	0.0090	"	0.200	ND	105	70-130			
Cadmium	0.206	0.0040	"	0.200	ND	103	70-130			
Calcium	15.5	0.53	"	10.2	6.1	92.2	70-130			
Chromium	0.248	0.0060	"	0.200	0.034	107	75-130			
Copper	0.221	0.012	"	0.200	ND	110	70-130			
Iron	0.217	0.064	"	0.200	ND	108	70-130			
Lead	0.202	0.019	"	0.200	ND	101	70-130			
Magnesium	25.6	0.41	"	10.2	16	94.1	70-130			
Manganese	0.208	0.011	"	0.200	ND	104	70-130			
Nickel	0.205	0.010	"	0.200	ND	102	70-130			
Potassium	13.6	0.90	"	10.2	3.1	103	70-130			
Selenium	0.207	0.026	"	0.200	ND	104	70-130			
Silver	0.205	0.0030	"	0.200	ND	102	70-130			
Sodium	148	0.71	"	10.2	130	176	70-130			QM-07
Strontium	0.601	0.089	"	0.200	0.40	100	70-130			
Thallium	0.197	0.011	"	0.200	ND	98.5	70-130			
Zinc	0.206	0.024	"	0.200	ND	103	70-130			
Silica (SiO2)	17.5	0.15	"	0.200	18	NR	60-140			QM-07

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0806 - EPA 200 Series**

**Matrix Spike Dup (B5B0806-MSD1)**

Source: 0502045-01

Prepared & Analyzed: 02/08/05

Aluminum	0.196	0.063	mg/L	0.200	ND	98.0	70-130	1.02	20	
Antimony	0.206	0.023	"	0.200	ND	103	70-130	3.81	20	
Arsenic	0.198	0.025	"	0.200	ND	99.0	70-130	4.44	20	
Barium	0.254	0.019	"	0.200	0.054	100	70-130	1.17	20	
Beryllium	0.208	0.0090	"	0.200	ND	104	70-130	1.90	20	
Cadmium	0.196	0.0040	"	0.200	0.00088	97.6	70-130	3.51	20	
Calcium	235	0.53	"	10.2	220	147	70-130	0.847	20	QM-07
Chromium	0.209	0.0060	"	0.200	0.0043	102	75-130	2.83	20	
Copper	0.214	0.012	"	0.200	ND	107	70-130	1.39	20	
Iron	0.293	0.064	"	0.200	0.094	99.5	70-130	3.69	20	
Lead	0.195	0.019	"	0.200	ND	97.5	70-130	3.53	20	
Magnesium	53.5	0.41	"	10.2	44	93.1	70-130	0.745	20	
Manganese	0.319	0.011	"	0.200	0.12	99.5	70-130	0.936	20	
Nickel	0.195	0.010	"	0.200	ND	97.5	70-130	3.53	20	
Potassium	15.5	0.90	"	10.2	4.0	113	70-130	0.643	20	
Selenium	0.188	0.026	"	0.200	ND	94.0	70-130	2.11	20	
Silver	0.200	0.0030	"	0.200	ND	100	70-130	1.49	20	
Sodium	161	0.71	"	10.2	140	206	70-130	0.623	20	QM-07
Strontium	1.34	0.089	"	0.200	1.1	120	70-130	0.743	20	
Thallium	0.189	0.011	"	0.200	ND	94.5	70-130	3.12	20	
Zinc	0.196	0.024	"	0.200	ND	98.0	70-130	3.02	20	
Silica (SiO2)	29.9	0.15	"	0.200	30	NR	60-140	0.334	40	QM-07

**Matrix Spike Dup (B5B0806-MSD2)**

Source: 0502120-05

Prepared & Analyzed: 02/08/05

Aluminum	0.178	0.063	mg/L	0.200	ND	89.0	70-130	2.22	20	
Antimony	0.205	0.023	"	0.200	ND	102	70-130	2.88	20	
Arsenic	0.216	0.025	"	0.200	0.011	102	70-130	2.74	20	
Barium	0.317	0.019	"	0.200	0.12	98.5	70-130	2.49	20	
Beryllium	0.208	0.0090	"	0.200	ND	104	70-130	0.957	20	
Cadmium	0.201	0.0040	"	0.200	ND	100	70-130	2.46	20	
Calcium	15.8	0.53	"	10.2	6.1	95.1	70-130	1.92	20	
Chromium	0.244	0.0060	"	0.200	0.034	105	75-130	1.63	20	
Copper	0.217	0.012	"	0.200	ND	108	70-130	1.83	20	
Iron	0.217	0.064	"	0.200	ND	108	70-130	0.00	20	
Lead	0.199	0.019	"	0.200	ND	99.5	70-130	1.50	20	
Magnesium	25.1	0.41	"	10.2	16	89.2	70-130	1.97	20	
Manganese	0.204	0.011	"	0.200	ND	102	70-130	1.94	20	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0806 - EPA 200 Series**

<b>Matrix Spike Dup (B5B0806-MSD2)</b>		<b>Source: 0502120-05</b>			<b>Prepared &amp; Analyzed: 02/08/05</b>					
Nickel	0.198	0.010	mg/L	0.200	ND	99.0	70-130	3.47	20	
Potassium	13.9	0.90	"	10.2	3.1	106	70-130	2.18	20	
Selenium	0.203	0.026	"	0.200	ND	102	70-130	1.95	20	
Silver	0.200	0.0030	"	0.200	ND	100	70-130	2.47	20	
Sodium	148	0.71	"	10.2	130	176	70-130	0.00	20	QM-07
Strontium	0.601	0.089	"	0.200	0.40	100	70-130	0.00	20	
Thallium	0.194	0.011	"	0.200	ND	97.0	70-130	1.53	20	
Zinc	0.200	0.024	"	0.200	ND	100	70-130	2.96	20	
Silica (SiO2)	17.1	0.15	"	0.200	18	NR	60-140	2.31	40	QM-07

**Batch B5B0826 - EPA 200 Series**

<b>Blank (B5B0826-BLK1)</b>		<b>Prepared: 02/08/05 Analyzed: 02/09/05</b>								
Mercury	ND	0.00073	mg/L							
<b>Blank (B5B0826-BLK2)</b>		<b>Prepared: 02/08/05 Analyzed: 02/09/05</b>								
Mercury	ND	0.00073	mg/L							
<b>LCS (B5B0826-BS1)</b>		<b>Prepared: 02/08/05 Analyzed: 02/09/05</b>								
Mercury	0.00104	0.00073	mg/L	0.00100	104	75-125				
<b>LCS (B5B0826-BS2)</b>		<b>Prepared: 02/08/05 Analyzed: 02/09/05</b>								
Mercury	0.00120	0.00073	mg/L	0.00100	120	75-125				
<b>Matrix Spike (B5B0826-MS1)</b>		<b>Source: 0502043-01</b>			<b>Prepared: 02/08/05 Analyzed: 02/09/05</b>					
Mercury	0.00111	0.00073	mg/L	0.00100	ND	111	75-125			

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
 Project Number: (Wells)  
 Project Manager: Pierre Dreher

Reported:  
 02/17/05 13:26

**Metals by EPA 200 Series Methods - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B5B0826 - EPA 200 Series</b>										
<b>Matrix Spike (B5B0826-MS2)</b>		<b>Source: 0502125-01</b>		Prepared: 02/08/05		Analyzed: 02/09/05				
Mercury	0.00130	0.00073	mg/L	0.00100	ND	130	75-125			QM-07
<b>Matrix Spike Dup (B5B0826-MSD1)</b>		<b>Source: 0502043-01</b>		Prepared: 02/08/05		Analyzed: 02/09/05				
Mercury	0.00114	0.00073	mg/L	0.00100	ND	114	75-125	2.67	20	
<b>Matrix Spike Dup (B5B0826-MSD2)</b>		<b>Source: 0502125-01</b>		Prepared: 02/08/05		Analyzed: 02/09/05				
Mercury	0.00123	0.00073	mg/L	0.00100	ND	123	75-125	5.53	20	

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
 Project Number: (Wells)  
 Project Manager: Pierre Dreher

Reported:  
 02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0705 - EPA 500 Series**

**Blank (B5B0705-BLK1)**

Prepared & Analyzed: 02/04/05

Benzene	ND	0.500	µg/L							
Bromobenzene	ND	0.500	"							
Bromochloromethane	ND	0.500	"							
Bromodichloromethane	ND	0.500	"							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Methyl ethyl ketone	ND	5.00	"							
n-Butylbenzene	ND	0.500	"							
sec-Butylbenzene	ND	0.500	"							
tert-Butylbenzene	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
2-Chloroethylvinyl ether	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
2-Chlorotoluene	ND	0.500	"							
4-Chlorotoluene	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
Dibromomethane	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
Dichlorodifluoromethane	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
1,3-Dichloropropane	ND	0.500	"							
2,2-Dichloropropane	ND	0.500	"							
1,1-Dichloropropene	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Di-isopropyl ether	ND	3.00	"							
Ethyl tert-butyl ether	ND	3.00	"							

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Reverse Osmosis Project Number: (Wells) Project Manager: Pierre Dreher	Reported: 02/17/05 13:26
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**Volatile Organic Compounds by EPA Method 524.2 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0705 - EPA 500 Series**

**Blank (B5B0705-BLK1)**

Prepared & Analyzed: 02/04/05

Ethylbenzene	ND	0.500	µg/L							
Hexachlorobutadiene	ND	0.500	"							
Isopropylbenzene	ND	0.500	"							
p-Isopropyltoluene	ND	0.500	"							
Methylene chloride	ND	0.500	"							
Methyl isobutyl ketone	ND	5.00	"							
Methyl tert-butyl ether	ND	3.00	"							
Naphthalene	ND	0.500	"							
n-Propylbenzene	ND	0.500	"							
Styrene	ND	0.500	"							
Tert-amyl methyl ether	ND	3.00	"							
Tert-butyl alcohol	ND	2.00	"							
1,1,1,2-Tetrachloroethane	ND	0.500	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
Toluene	ND	0.500	"							
1,2,3-Trichlorobenzene	ND	0.500	"							
1,2,4-Trichlorobenzene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	5.00	"							
1,1,2-Trichlorotrifluoroethane	ND	10.0	"							
1,2,3-Trichloropropane	ND	0.500	"							
1,2,4-Trimethylbenzene	ND	0.500	"							
1,3,5-Trimethylbenzene	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
m,p-Xylene	ND	0.500	"							
o-Xylene	ND	0.500	"							
<i>Surrogate: Dibromofluoromethane</i>	<i>44.8</i>	<i>"</i>	<i>"</i>	<i>50.0</i>	<i>"</i>	<i>89.6</i>	<i>86-118</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.4</i>	<i>"</i>	<i>"</i>	<i>50.0</i>	<i>"</i>	<i>92.8</i>	<i>88-110</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.0</i>	<i>"</i>	<i>"</i>	<i>50.0</i>	<i>"</i>	<i>96.0</i>	<i>86-115</i>			

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: Reverse Osmosis  
Project Number: (Wells)  
Project Manager: Pierre Dreher

Reported:  
02/17/05 13:26

**Volatile Organic Compounds by EPA Method 524.2 - Quality Control**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5B0705 - EPA 500 Series**

**LCS (B5B0705-BS1)**

Prepared & Analyzed: 02/04/05

Benzene	23.1	0.500	µg/L	25.0		92.4	80-120			
Chlorobenzene	28.5	0.500	"	25.0		114	80-120			
1,1-Dichloroethene	24.0	0.500	"	25.0		96.0	80-120			
Toluene	20.4	0.500	"	25.0		81.6	80-120			
Trichloroethene	22.7	0.500	"	25.0		90.8	80-120			

**Duplicate (B5B0705-DUP1)**

Source: 0502033-07

Prepared & Analyzed: 02/04/05

Benzene	ND	0.500	µg/L		ND				30	
Chlorobenzene	ND	0.500	"		ND				30	
1,1-Dichloroethene	ND	0.500	"		ND				30	
Toluene	ND	0.500	"		ND				30	
Trichloroethene	ND	0.500	"		ND				30	

**Matrix Spike (B5B0705-MS1)**

Source: 0502033-07

Prepared & Analyzed: 02/04/05

Benzene	17.8	0.500	µg/L	25.0	ND	71.2	37-151			
Chlorobenzene	27.4	0.500	"	25.0	ND	110	37-160			
1,1-Dichloroethene	15.9	0.500	"	25.0	ND	63.6	50-150			
Toluene	19.4	0.500	"	25.0	ND	77.6	47-150			
Trichloroethene	21.3	0.500	"	25.0	ND	85.2	71-157			

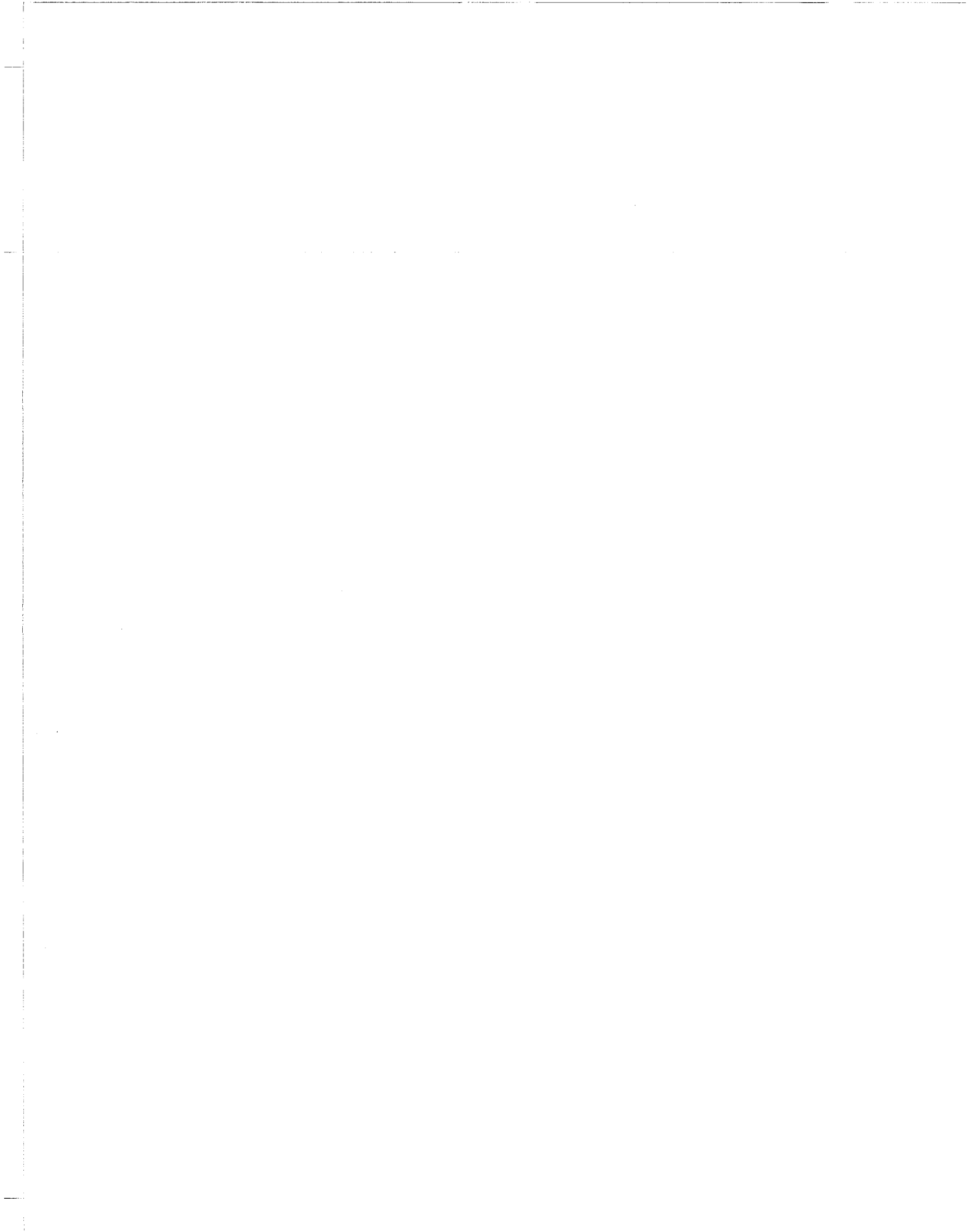
**Matrix Spike Dup (B5B0705-MSD1)**

Source: 0502033-07

Prepared & Analyzed: 02/04/05

Benzene	17.7	0.500	µg/L	25.0	ND	70.8	37-151	0.563	30	
Chlorobenzene	27.7	0.500	"	25.0	ND	111	37-160	1.09	30	
1,1-Dichloroethene	15.9	0.500	"	25.0	ND	63.6	50-150	0.00	30	
Toluene	19.7	0.500	"	25.0	ND	78.8	47-150	1.53	30	
Trichloroethene	21.3	0.500	"	25.0	ND	85.2	71-157	0.00	30	

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.





ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: NA  
Project Number: Quarterly Wells  
Project Manager: Pierre Dreher

Reported:  
03/09/05 13:48

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CVWD #1	0502420-01	Water	02/23/05 14:35	02/23/05 15:30
Dance Hall	0502420-02	Water	02/23/05 15:00	02/23/05 15:30
Kinoshita	0502420-03	Water	02/23/05 14:30	02/23/05 15:30
SBJA #4	0502420-04	Water	02/23/05 14:40	02/23/05 15:30
Tirador	0502420-05	Water	02/23/05 14:05	02/23/05 15:30
SBJA #2	0502420-06	Water	02/23/05 14:45	02/23/05 15:30

#### CASE NARRATIVE

**SAMPLE RECEIPT:** Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.  
**PRESERVATION:** Samples requiring preservation were verified prior to sample preparation and analysis.  
**HOLDING TIMES:** All holding times were met, unless otherwise noted in the report with data qualifiers.  
**QA/QC CRITERIA:** All quality objective criteria were met, except as noted in the report with data qualifiers.

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: NA  
Project Number: Quarterly Wells  
Project Manager: Pierre Dreher

Reported:  
03/09/05 13:48

**Conventional Chemistry Parameters by APHA/EPA Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>CVWD #1 (0502420-01) Water Sampled: 02/23/05 14:35 Received: 02/23/05 15:30</b>										
Total Alkalinity	304	0.400		mg/L	1	B5B2803	02/24/05	02/24/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400		"	"	"	"	"	"	
Bicarbonate Alkalinity	304	0.400		"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400		"	"	"	"	"	"	
Chloride	242	0.500		"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00		Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2050	0.100		µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200		mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.420	0.0200		"	"	"	"	"	EPA 340.1	
Total Hardness	776	0.400		"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100		"	"	"	"	"	EPA 425.1	
Nitrite as N	ND	0.0200		"	"	"	"	"	SM4500-NO2B	
Odor	1.00	1.00		T.O.N.	"	"	"	"	EPA 140.1	
pH	6.84	0.100		pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	490	0.500		mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1430	1.00		"	"	"	"	"	EPA 160.1	
Total Suspended Solids	ND	1.00		"	"	"	"	"	EPA 160.2	
Turbidity	0.790	0.0200		NTU	"	"	"	"	EPA 180.1	
<b>Dance Hall (0502420-02) Water Sampled: 02/23/05 15:00 Received: 02/23/05 15:30</b>										
Total Alkalinity	432	0.400		mg/L	1	B5B2803	02/24/05	02/24/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400		"	"	"	"	"	"	
Bicarbonate Alkalinity	432	0.400		"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400		"	"	"	"	"	"	
Chloride	262	0.500		"	"	"	"	"	SM 4500-Cl-B	
Color	2.00	1.00		Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2930	0.100		µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200		mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.550	0.0200		"	"	"	"	"	EPA 340.1	
Total Hardness	997	0.400		"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100		"	"	"	"	"	EPA 425.1	
Nitrite as N	ND	0.0200		"	"	"	"	"	SM4500-NO2B	
Odor	1.00	1.00		T.O.N.	"	"	"	"	EPA 140.1	
pH	6.95	0.100		pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	710	0.500		mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	2070	1.00		"	"	"	"	"	EPA 160.1	
Total Suspended Solids	ND	1.00		"	"	"	"	"	EPA 160.2	
Turbidity	26.4	0.0200		NTU	"	"	"	"	EPA 180.1	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: NA  
Project Number: Quarterly Wells  
Project Manager: Pierre Dreher

Reported:  
03/09/05 13:48

**Conventional Chemistry Parameters by APHA/EPA Methods**

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Kinoshita (0502420-03) Water</b> Sampled: 02/23/05 14:30 Received: 02/23/05 15:30									
Total Alkalinity	352	0.400	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	352	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	236	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	3.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2130	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.280	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	792	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Nitrite as N	ND	0.0200	"	"	"	"	"	SM4500-NO2B	
Odor	2.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.01	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	514	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1500	1.00	"	"	"	"	"	EPA 160.1	
Total Suspended Solids	ND	1.00	"	"	"	"	"	EPA 160.2	
Turbidity	25.8	0.0200	NTU	"	"	"	"	EPA 180.1	
<b>SBJA #4 (0502420-04) Water</b> Sampled: 02/23/05 14:40 Received: 02/23/05 15:30									
Total Alkalinity	324	0.400	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	324	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	282	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	2.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2420	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.290	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	836	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Nitrite as N	ND	0.0200	"	"	"	"	"	SM4500-NO2B	
Odor	2.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	6.93	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	635	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1710	1.00	"	"	"	"	"	EPA 160.1	
Total Suspended Solids	ND	1.00	"	"	"	"	"	EPA 160.2	
Turbidity	5.28	0.0200	NTU	"	"	"	"	EPA 180.1	

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ECO Resources Inc.  
32470 Paseo Adelanto  
San Juan Capistrano CA, 92675

Project: NA  
Project Number: Quarterly Wells  
Project Manager: Pierre Dreher

Reported:  
03/09/05 13:48

**Conventional Chemistry Parameters by APHA/EPA Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Tirador (0502420-05) Water</b> Sampled: 02/23/05 14:05 Received: 02/23/05 15:30									
Total Alkalinity	318	0.400	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	318	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	316	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	2.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	3220	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.640	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	896	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Nitrite as N	ND	0.0200	"	"	"	"	"	SM4500-NO2B	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.02	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	975	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	2250	1.00	"	"	"	"	"	EPA 160.1	
Total Suspended Solids	ND	1.00	"	"	"	"	"	EPA 160.2	
Turbidity	15.4	0.0200	NTU	"	"	"	"	EPA 180.1	
<b>SBJA #2 (0502420-06) Water</b> Sampled: 02/23/05 14:45 Received: 02/23/05 15:30									
Total Alkalinity	388	0.400	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	388	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	232	0.500	"	"	"	"	"	SM 4500-Cl-B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2280	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Cyanide (total)	ND	0.0200	mg/L	"	"	"	"	EPA 335.2	
Fluoride	0.320	0.0200	"	"	"	"	"	EPA 340.1	
Total Hardness	804	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Nitrite as N	ND	0.0200	"	"	"	"	"	SM4500-NO2B	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.01	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	550	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1610	1.00	"	"	"	"	"	EPA 160.1	
Total Suspended Solids	ND	1.00	"	"	"	"	"	EPA 160.2	
Turbidity	2.32	0.0200	NTU	"	"	"	"	EPA 180.1	

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: NA  
 Project Number: Quarterly Wells  
 Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

**Physical Parameters by APHA/ASTM/EPA Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502420-01) Water Sampled: 02/23/05 14:35 Received: 02/23/05 15:30</b>									
Langlier's Index	+0.09		N/A	1	B5B2803	02/24/05	02/24/05	Calculation	
<b>Dance Hall (0502420-02) Water Sampled: 02/23/05 15:00 Received: 02/23/05 15:30</b>									
Langlier's Index	+0.37		N/A	1	B5B2803	02/24/05	02/24/05	Calculation	
<b>Kinoshita (0502420-03) Water Sampled: 02/23/05 14:30 Received: 02/23/05 15:30</b>									
Langlier's Index	+0.34		N/A	1	B5B2803	02/24/05	02/24/05	Calculation	
<b>SBJA #4 (0502420-04) Water Sampled: 02/23/05 14:40 Received: 02/23/05 15:30</b>									
Langlier's Index	+0.26		N/A	1	B5B2803	02/24/05	02/24/05	Calculation	
<b>Tirador (0502420-05) Water Sampled: 02/23/05 14:05 Received: 02/23/05 15:30</b>									
Langlier's Index	+0.25		N/A	1	B5B2803	02/24/05	02/24/05	Calculation	
<b>SBJA #2 (0502420-06) Water Sampled: 02/23/05 14:45 Received: 02/23/05 15:30</b>									
Langlier's Index	+0.34		N/A	1	B5B2803	02/24/05	02/24/05	Calculation	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Quarterly Wells Project Manager: Pierre Dreher	Reported: 03/09/05 13:48
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**Anions by EPA Method 300.0**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502420-01) Water    Sampled: 02/23/05 14:35    Received: 02/23/05 15:30</b>									
Nitrate as N	1.70	0.0200	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 300.0	
<b>Dance Hall (0502420-02) Water    Sampled: 02/23/05 15:00    Received: 02/23/05 15:30</b>									
Nitrate as N	1.20	0.0200	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 300.0	
<b>Kinoshita (0502420-03) Water    Sampled: 02/23/05 14:30    Received: 02/23/05 15:30</b>									
Nitrate as N	1.10	0.0200	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 300.0	
<b>SBJA #4 (0502420-04) Water    Sampled: 02/23/05 14:40    Received: 02/23/05 15:30</b>									
Nitrate as N	0.800	0.0200	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 300.0	
<b>Tirador (0502420-05) Water    Sampled: 02/23/05 14:05    Received: 02/23/05 15:30</b>									
Nitrate as N	0.900	0.0200	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 300.0	
<b>SBJA #2 (0502420-06) Water    Sampled: 02/23/05 14:45    Received: 02/23/05 15:30</b>									
Nitrate as N	1.30	0.0200	mg/L	1	B5B2803	02/24/05	02/24/05	EPA 300.0	

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ECO Resources Inc. 32470 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Quarterly Wells Project Manager: Pierre Dreher	Reported: 03/09/05 13:48
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**Metals by EPA 200 Series Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CVWD #1 (0502420-01) Water    Sampled: 02/23/05 14:35    Received: 02/23/05 15:30</b>									
Silver	ND	0.0030	mg/L	1	B5B2517	02/25/05	02/28/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	"	"	
Arsenic	ND	0.025	"	"	"	"	02/28/05	"	
<b>Barium</b>	<b>0.055</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	02/28/05	"	
<b>Calcium</b>	<b>250</b>	0.53	"	"	"	"	02/28/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/28/05	"	
Cobalt	ND	0.0060	"	"	"	"	"	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	02/28/05	"	
<b>Iron</b>	<b>0.23</b>	0.064	"	"	"	"	02/28/05	"	
Mercury	ND	0.00073	"	"	B5C0320	03/03/05	03/03/05	EPA 245.1	
<b>Potassium</b>	<b>4.3</b>	0.90	"	"	B5B2517	02/25/05	02/28/05	EPA 200.7	
<b>Magnesium</b>	<b>46</b>	0.41	"	"	"	"	02/28/05	"	
<b>Manganese</b>	<b>0.12</b>	0.011	"	"	"	"	"	"	
Molybdenum	ND	0.028	"	"	"	"	02/28/05	"	
<b>Sodium</b>	<b>160</b>	0.71	"	"	"	"	02/28/05	"	
Nickel	ND	0.010	"	"	"	"	02/28/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
Thallium	ND	0.011	"	"	"	"	"	"	
Vanadium	ND	0.012	"	"	"	"	"	"	
Zinc	ND	0.024	"	"	"	"	"	"	

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: NA  
 Project Number: Quarterly Wells  
 Project Manager: Pierre Dreher

Reported:  
 03/09/05 13:48

**Metals by EPA 200 Series Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Dance Hall (0502420-02) Water Sampled: 02/23/05 15:00 Received: 02/23/05 15:30</b>									
Silver	ND	0.0030	mg/L	1	B5B2517	02/25/05	02/28/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	"	"	
Arsenic	ND	0.025	"	"	"	"	"	"	
<b>Barium</b>	<b>0.067</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	"	"	
<b>Calcium</b>	<b>280</b>	0.53	"	"	"	"	02/28/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/28/05	"	
Cobalt	ND	0.0060	"	"	"	"	"	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	"	"	
<b>Iron</b>	<b>4.3</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5C0320	03/03/05	03/03/05	EPA 245.1	
<b>Potassium</b>	<b>6.5</b>	0.90	"	"	B5B2517	02/25/05	02/28/05	EPA 200.7	
<b>Magnesium</b>	<b>78</b>	0.41	"	"	"	"	02/28/05	"	
<b>Manganese</b>	<b>1.9</b>	0.011	"	"	"	"	"	"	
Molybdenum	ND	0.028	"	"	"	"	"	"	
<b>Sodium</b>	<b>260</b>	0.71	"	"	"	"	02/28/05	"	
Nickel	ND	0.010	"	"	"	"	02/28/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
Thallium	ND	0.011	"	"	"	"	"	"	
Vanadium	ND	0.012	"	"	"	"	"	"	
Zinc	ND	0.024	"	"	"	"	"	"	

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ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: NA  
 Project Number: Quarterly Wells  
 Project Manager: Pierre Dreher

Reported:  
 03/09/05 13:48

**Metals by EPA 200 Series Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Kinoshita (0502420-03) Water    Sampled: 02/23/05 14:30    Received: 02/23/05 15:30</b>									
Silver	ND	0.0030	mg/L	1	B5B2517	02/25/05	02/28/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	"	"	
Arsenic	ND	0.025	"	"	"	"	02/28/05	"	
<b>Barium</b>	<b>0.085</b>	0.019	"	"	"	"	02/28/05	"	
Beryllium	ND	0.0090	"	"	"	"	"	"	
<b>Calcium</b>	<b>260</b>	0.53	"	"	"	"	02/28/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/28/05	"	
Cobalt	ND	0.0060	"	"	"	"	"	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	02/28/05	"	
<b>Iron</b>	<b>2.6</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5C0320	03/03/05	03/03/05	EPA 245.1	
<b>Potassium</b>	<b>4.3</b>	0.90	"	"	B5B2517	02/25/05	02/28/05	EPA 200.7	
<b>Magnesium</b>	<b>50</b>	0.41	"	"	"	"	02/28/05	"	
<b>Manganese</b>	<b>0.56</b>	0.011	"	"	"	"	"	"	
Molybdenum	ND	0.028	"	"	"	"	02/28/05	"	
<b>Sodium</b>	<b>120</b>	0.71	"	"	"	"	02/28/05	"	
Nickel	ND	0.010	"	"	"	"	02/28/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
Thallium	ND	0.011	"	"	"	"	"	"	
Vanadium	ND	0.012	"	"	"	"	"	"	
Zinc	ND	0.024	"	"	"	"	"	"	

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.



ECO Resources Inc.  
 32470 Paseo Adelanto  
 San Juan Capistrano CA, 92675

Project: NA  
 Project Number: Quarterly Wells  
 Project Manager: Pierre Dreher

Reported:  
 03/09/05 13:48

**Metals by EPA 200 Series Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SBJA #4 (0502420-04) Water Sampled: 02/23/05 14:40 Received: 02/23/05 15:30</b>									
Silver	ND	0.0030	mg/L	1	B5B2517	02/25/05	02/28/05	EPA 200.7	
Aluminum	ND	0.063	"	"	"	"	"	"	
Arsenic	ND	0.025	"	"	"	"	"	"	
<b>Barium</b>	<b>0.073</b>	0.019	"	"	"	"	"	"	
Beryllium	ND	0.0090	"	"	"	"	"	"	
<b>Calcium</b>	<b>290</b>	0.53	"	"	"	"	02/28/05	"	
Cadmium	ND	0.0040	"	"	"	"	02/28/05	"	
Cobalt	ND	0.0060	"	"	"	"	"	"	
Chromium	ND	0.0060	"	"	"	"	"	"	
Copper	ND	0.012	"	"	"	"	"	"	
<b>Iron</b>	<b>0.39</b>	0.064	"	"	"	"	"	"	
Mercury	ND	0.00073	"	"	B5C0320	03/03/05	03/03/05	EPA 245.1	
<b>Potassium</b>	<b>5.8</b>	0.90	"	"	B5B2517	02/25/05	02/28/05	EPA 200.7	
<b>Magnesium</b>	<b>60</b>	0.41	"	"	"	"	02/28/05	"	
<b>Manganese</b>	<b>0.81</b>	0.011	"	"	"	"	"	"	
Molybdenum	ND	0.028	"	"	"	"	"	"	
<b>Sodium</b>	<b>220</b>	0.71	"	"	"	"	02/28/05	"	
Nickel	ND	0.010	"	"	"	"	02/28/05	"	
Lead	ND	0.019	"	"	"	"	"	"	
Antimony	ND	0.023	"	"	"	"	"	"	
Selenium	ND	0.026	"	"	"	"	"	"	
Thallium	ND	0.011	"	"	"	"	"	"	
Vanadium	ND	0.012	"	"	"	"	"	"	
Zinc	ND	0.024	"	"	"	"	"	"	

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