

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
SBJA #2 (0502420-06) Water	Sampled: 02/23/05 14:45	Received:	02/23/05	5 15:30					
Silver	ND .	0.0030	mg/L	I	B5B2517	02/25/05	02/28/05	EPA 200.7	
Aluminum	ND .	0.063	н	"	, 11	11	ıı	11	
Arsenic	ND	0.025	11	II .	u	11	02/28/05	18	
Barium	0.059	0.019	н	u	ü	11	H	10	
Beryllium	ND ·	0.0090	Ħ	II.	II .	16 -	02/28/05	11	4
Calcium	240	0.53	н	п	H		02/28/05	п	
Cadmium	ND	0.0040	**	н	n	п	02/28/05	II .	
Cobalt	. ND	0.0060	#	11	n	n, ·	11	п	
Chromium	ND	0.0060	n	D	."	"	11	n .	
Copper	ND	0.012	n	n	11	tt	02/28/05	n	
Iron	0.30	0.064	11	**	tr.	n	02/28/05	н	
Mercury	ND	0.00073	Án.	**	B5C0320	03/03/05	03/03/05	EPA 245.1	
Potassium	4.5	0.90	n	11	B5B2517	02/25/05	02/28/05	EPA 200.7	
Magnesium	51	0.41	19	"	u		02/28/05	11	
Manganese	0.34	0.011	11	ıı	11	II	- н	II .	
Molybdenum	. ND	0.028	ıı			n	02/28/05	11	
Sodium	170	0.71		"		н	02/28/05	11	•
Nickel	ND	0.010	11	, n	10	11	02/28/05	n	
Lead	ND	0.019	п ′	11	jt.	11	. 11	*	
Antimony	ND	0.023	"	Ħ	u	u	#	"	
Selenium	ND	0.026	"	n		II .	и .	u	•
Thallium	ND	0.011	н	11	п	u	u	п	
Vanadium	ND	0.012	n	lt.	n	II	u	n	
Zinc	ND.	0.024	. "	11	u		и	n	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells

Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

## Volatile Organic Compounds by EPA Method 524.2

#### Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0502420-01) Water	Sampled: 02/23/05 14:35	Receive	d: 02/23/0	5 15:30					
Benzene	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Bromobenzene	ND	0.500	11	n	11	11	u	11	
Bromochloromethane	ND	0.500	11	11	"	11	n n	. "	
Bromodichloromethane	ND	0.500	11		**	"		II .	
Bromoform	ND	0.500	n	11		II .	u u	n	
Bromomethane	ND	0.500	Ħ	"	11	11	"	n .	
Methyl ethyl ketone	ND	5.00	If	11	u u	11	"	II	
n-Butylbenzene	ND	0.500	11	II .	11	II .	u	. #	
sec-Butylbenzene	ND	0.500	11	"	H	11	n	11	
tert-Butylbenzene	ND	0.500	11	"	11	" .	"	II	
Carbon tetrachloride	ND	0.500	II	Œ	н	**	41	11	
Chlorobenzene	ND	0.500	н	u	Ħ	n '.	n .	tt	•
Chloroethane	ND	0.500	H	n	17	п	. "	II .	
2-Chloroethylvinyl ether	ND	1.00	ır	11	II	u	11	" .	*
Chloroform	ND	0.500	II	11	11	n		II .	
Chloromethane	ND	0.500	11	H	n	tf.	n n	11	•
2-Chlorotoluene	ND	0.500	11	n	It	н .	. "	"	
4-Chlorotoluene	ND	0.500	" .	If	11		11		
Dibromochloromethane	ND ·	0.500	н	n	**	tt .	н	11	
Dibromomethane	ND	0.500	n	н	"	ıt	**	. 0	
1,2-Dichlorobenzene	ND	0.500	"	**	Ħ	11	u u	n	
1,3-Dichlorobenzene	ND	0.500	"	и	**	11	. 11	n	•
1,4-Dichlorobenzene	ND	0.500	н	н	u	n	. "	,11	
Dichlorodifluoromethane	ND	0.500	**	"	H	и	и.	п	
1,1-Dichloroethane	ND	0.500	u .	. "	ti .	**	ır .	n	
1,2-Dichloroethane	ND	0.500	II	"	11	u	11	**	
1,1-Dichloroethene	ND	0.500	H	. 11	u u	и	**	n	
cis-1,2-Dichloroethene	· ND	0.500		. #	n	11	II	ıı	
trans-1,2-Dichloroethene	ND	0.500	II .	u u	u .	u	. "	Ħ	
1,2-Dichloropropane	ND	0.500	II .	11	n	n	17	ut	
1,3-Dichloropropane	ND	0.500	19	Ħ	н	11	íi .	н	
2,2-Dichloropropane	ND	0.500	11		II .	H .	. 11	u	
1,1-Dichloropropene	ND	0.500	II .	U	н	н	(t	н	
cis-1,3-Dichloropropene	ND	0.500	ш.	"	n	. ,	H	. "	
trans-1,3-Dichloropropene	ND	0.500	n	II	u .	u	11	IP	
Di-isopropyl ether	ND	3.00	11	н .	н	н	u	11	
Ethyl tert-butyl ether	ND	3.00	"	Ħ	11	n	n		
Ethylbenzene	ND	0.500	II .	"	tr	is.	n	11	
Hexachlorobutadiene	ND	0.500	**	II .	п	n	11	n	
Isopropylbenzene	ND	0.500	11	н	- 11	**	ii.	Ħ	
p-Isopropyltoluene	ND	0.500	II	Ħ	11	11	ır	u .	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells
Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

## **Volatile Organic Compounds by EPA Method 524.2**

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0502420-01) Water	Sampled: 02/23/05 14:35	Receive	d: 02/23/05	15:30					
Methylene chloride	ND	0.500	μg/L	i	B5C0316	03/02/05	03/02/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	11	11	"	n	11	n	
Methyl tert-butyl ether	ND	3.00	11	11	U	n	11	11	
Naphthalene	ND	0.500	ч	11	H	n .	н	n	
n-Propylbenzene	ND	0.500	· ·	11	19	"	ш	n	
Styrene	ND	0.500	п		11	11	n n	n	
Tert-amyl methyl ether	ND	3.00	n	ıı	10	II .		n	
Tert-butyl alcohol	ND	2.00	II .	. "	II .	II .	н	II .	
1,1,1,2-Tetrachloroethane	ND	0.500	n	۳.	п	If	. "		
1,1,2,2-Tetrachloroethane	ND	0.500	H	17	II .	н	11	. 14	
Tetrachloroethene	ND	0.500	Ħ	**	· , n	11	, Ir	II	
Toluene	ND	0.500	TP .	u	11	"	If	II	
1,2,3-Trichlorobenzene	ND	0.500	17		Ħ	n	ш	n	•
1,2,4-Trichlorobenzene	ND	0.500	11	II .	19	u .	н	•н	
1,1,1-Trichloroethane	ND	0.500	u	n	19	н	н	**	
1,1,2-Trichloroethane	ND	0.500	II .	н	и	H	Ħ		
Trichloroethene	ND	0.500	II .	11	ıı	н	11	- 11	
Trichlorofluoromethane	ND	5.00	n		н	n	u	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	n	ır	11	**	n ·	**	
1,2,3-Trichloropropane	ND	0.500	n	II	*	Ŋ	n	u u	
1,2,4-Trimethylbenzene	ND	0.500	11	11	11	11	ff ff	u ·	
1,3,5-Trimethylbenzene	ND	0.500	. #	n	If .	It	er e	u	
Vinyl chloride	ND	0.500	n .	n	II	ır	п	n	
m,p-Xylene	ND	0.500	u .	Ħ	II	II	n	11	
o-Xylene	ND	0.500	D	19	H	**	. ""	tt.	
Surrogate: Dibromofluoromethan	e	101 %	86-11	'8	"	"	"	" .	
Surrogate: Toluene-d8		99.4 %	88-11	0	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	· <b>?</b>	98.6%	86-11	5	"	"	"	"	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells
Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

# Volatile Organic Compounds by EPA Method 524.2

#### Sierra Analytical Labs, Inc.

Analyte	Result	Leporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0502420-02) Water	Sampled: 02/23/05 15:00	Receive	d: 02/23	/05 15:30					
Benzene	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Bromobenzene	ND	0.500	"		19	u	n n	ıı .	
Bromochloromethane	ND	0.500	17	U	"	"	n	ıı	
Bromodichloromethane	. ND	0.500	11*	"	11	n	**	n	
Bromoform	ND	0.500	IP	H,	15	н	. "	**	
Bromomethane	ND	0.500	II .	Ħ	11	**	"	#	
Methyl ethyl ketone	ND	5.00	II	н .	1t	11	"	"	
n-Butylbenzene	ND .	0.500	11	I†	11	ıt	n	II	
sec-Butylbenzene	ND	0.500	11	ır	11	#	II .	п	
tert-Butylbenzene	ND	0.500	н	11	II .	н	"	ii .	
Carbon tetrachloride	. ND	0.500	Ħ	11	11	II .	"	Ħ	
Chlorobenzene	ND	0.500	Ħ	a	. н	н	11	n	
Chloroethane	ND	0.500	н	u	**	11	n	ar .	
2-Chloroethylvinyl ether	ND	1.00	n		**	**	11	u .	
Chloroform	ND	0.500	, и	H	u	ur .	н .	u	
Chloromethane	ND	0.500		n	u	II	11	и ,	
2-Chlorotoluene	ND	0.500	11	H	н	. 11	11	н	
4-Chlorotoluene	ND	0.500	н		n	n	tt.	**	
Dibromochloromethane	ND	0.500	н	11		H	n	æ,	
Dibromomethane	ND	0.500	н	, 11	**	11	11		
1,2-Dichlorobenzene	ND	0.500	**	11	**	11	"	11	
1,3-Dichlorobenzene	ND	0.500	. 11	п	17	"	#	п	
1,4-Dichlorobenzene	ND	0.500	n	u.	u		11.	11	
Dichlorodifluoromethane	ND ND	0.500	11	"		. 11			•
				,,		, ,			
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	ıı		11	. 11	'n	"	
trans-1,2-Dichloroethene	ND	0.500	н			11	П	"	
1,2-Dichloropropane	ND	0.500	н	. 11	и .	"	н	"	
1,3-Dichloropropane	ND '	0.500	n	. "	и .	H		"	
2,2-Dichloropropane	ND	0.500	n	H	11	n	17	11	
1,1-Dichloropropene	ND	0.500	n	17	11	11	a a	it .	
cis-1,3-Dichloropropene	ND	0.500	11	If	11	ıı .	II	ır	
trans-1,3-Dichloropropene	ND	0.500	. "	ır	"	" .	н	n	
Di-isopropyl ether	ND	3.00	IT	a .	ш	n .	11	n	
Ethyl tert-butyl ether	ND	3.00	if .	a	н	n	11	n	. •
Ethylbenzene	ND	0.500	n .	"		n	11	II .	
Hexachlorobutadiene	ND	0.500	H .	u	11	"	II	ıı	
Isopropylbenzene	ND	0.500	ш	n	"	**	11	п	
p-Isopropyltoluene	ND	0.500	. 11		11		,	n	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells Project Manager: Pierre Dreher Reported: 03/09/05 13:48

## Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0502420-02) Water	Sampled: 02/23/05 15:00	Receive	ed: 02/23/0	05 15:30				· · · · · · · · · · · · · · · · · · ·	
Methylene chloride	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	н		и .	#	Ħ	11	
Methyl tert-butyl ether	ND	3.00	11	11	и .	. "	. "	II .	
Naphthalene	ND	0.500	11		н	11	m	a a	
n-Propylbenzene	ND	0.500	11	и .	н '	n	"	ú	·
Styrene	ND	0.500	19	"	11	U	It	U	
Tert-amyl methyl ether	ND	3.00	11	11	11	P	11	н	
Tert-butyl alcohol	ND	2.00	er e	. 11	ni	u .	, II	n	
1,1,1,2-Tetrachloroethane	ND .	0.500	"	11	II .	11	н	. "	
1,1,2,2-Tetrachloroethane	ND	0.500	ıı	п	· u	Ħ	n	ii	
Tetrachloroethene	ND	0.500	ıı	11	11	Ħ	n	a	
Toluene	ND	0.500	n	II .	.11	n		. "	
1,2,3-Trichlorobenzene	ND	0.500	ıı	H	. 44		u		
1,2,4-Trichlorobenzene	ND	0.500	n	н	11			n ·	
1,1,1-Trichloroethane	ND	0.500	, u	n	W .	u ·	н	"	
1,1,2-Trichloroethane	ND	0.500	17	17	er e	n	11	# "	
Trichloroethene	ND	0.500	11	11	· " "	11	11	**	
Trichlorofluoromethane	ND	5.00	и :	51	!!	11	u		
1,1,2-Trichlorotrifluoroethane	ND	10.0	11	u ·	n	· · · · · · · · · · · · · · · · · · ·	n .	D	
1,2,3-Trichloropropane	ND	0.500	u	u	".	It	н	**	*
1,2,4-Trimethylbenzene	ND	0.500	п .	II	11	11	11	If	
1,3,5-Trimethylbenzene	ND	0.500	п	н	11	, II	17	11	•
Vinyl chloride	ND	0.500	u	н	п	H	и	11	
m,p-Xylene	ND	0.500	H	11	n	"	n	n .	
o-Xylene	ND	0.500	11	**	п	₩,	n	n .	
Surrogate: Dibromofluoromethane		101%	86-1	18	11	"	"	, n	
Surrogate: Toluene-d8		100 %	88-1	10	n	n	"	n	
Surrogate: 4-Bromofluorobenzene		95.8 %	86-1	15	"	"	n	"	

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.



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells

Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

## Volatile Organic Compounds by EPA Method 524.2

## Sierra Analytical Labs, Inc.

Analyte	Ŗesult	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L	Sampled: 02/23/05 14:30	Received	1: 02/23/0:	5 15:30			· · · · · · · · · · · · · · · · · · ·		
Benzene	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Bromobenzene	ND	0.500	n	"	11	17	11	ır	
Bromochloromethane	ND	0.500	n	н	II .	n	"	. "	
Bromodichloromethane	ND ND	0.500	11	11	н	II .	ü	II .	
Bromoform	ND	0.500	II .	11	н		и .	**	
Bromomethane	ND	0.500	11	"	**	Ħ	**	"	
Methyl ethyl ketone	ND	5.00	II .	п	u	It	m ·	<b>u</b>	
n-Butylbenzene	ND	0.500	u	II .	II .	11	**	n .	
sec-Butylbenzene	ND	0.500	н	"	II .	u .	"	"	
tert-Butylbenzene	ND	0.500	. 11	11	'n	II	n	n .	
Carbon tetrachloride	, ND	0.500	11	11	11	Ħ		II .	
Chlorobenzene	ND .	0.500	**	u	II.	и	er		
Chloroethane	ND	0.500	u	11	н	11	u	. 10	
2-Chloroethylvinyl ether	ND	1.00	II .	н	11	u	H	H .	
Chloroform	ND	0.500	н	Ħ	. " .	. "	n	H	
Chloromethane	ND	0.500	11	н.	ir .	11	11		
2-Chlorotoluene	ND	0.500	If	H,	. 11	*	11	**	
4-Chlorotoluene	ND	0.500	II .	11	n	"	n		
Dibromochloromethane	ND	0.500	. "	H	11	"	n .	. 11	
Dibromomethane	ND	0.500	n	**	1t	н		m ·	
1,2-Dichlorobenzene	ND	0.500	n	11	u	It.		II .	
1,3-Dichlorobenzene	ND	0.500	17	II .	и , — з	it .	n	п	
1,4-Dichlorobenzene	ND	0.500	IF	"	11	n .	it .	**	•
Dichlorodifluoromethane	ND	0.500		n			n .	II	,
1,1-Dichloroethane	ND	0.500	11	11	11	**	II.	H	
1,2-Dichloroethane	ND	0.500	11	II .		17	n	<b>"</b>	
1,1-Dichloroethene	ND	0.500	"	u	11	11	и .		
cis-1,2-Dichloroethene	ND	0.500	**	U	n	11	u	н	
trans-1,2-Dichloroethene	ND	0.500	. "	"	"	11	II.	. "	
1,2-Dichloropropane	ND	0.500	#	11	tr.	11		If	
1,3-Dichloropropane	ND	0.500	n	11	н	**	11	n	
2,2-Dichloropropane	ND	0.500	**		n	H	II .	11	
1,1-Dichloropropene	ND	0.500	st	u	tr		n .	H	
cis-1,3-Dichloropropene	ND	0.500	II*	11	a,	11	11	п	
trans-1,3-Dichloropropene	ND	0.500	II .	ır	ıı	u ·	II	"	
Di-isopropyl ether	ND	3.00	н	1f	n	II	II	II .	
Ethyl tert-butyl ether	ND	3.00	н .	. "	n	II	**	n ·	
Ethylbenzene	ND	0.500	n	u	18	n	II	н .	
Hexachlorobutadiene	ND	0.500	n	n	er .	11	и	n.	
Isopropylbenzene	ND	0.500		n	"	**	n ·	u	•
p-Isopropyltoluene	ND	0.500		11	n	п	11	Ħ	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells

Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

#### Volatile Organic Compounds by EPA Method 524.2

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita (0502420-03) Water	Sampled: 02/23/05 14:30	Received	1: 02/23/05	15:30					
Methylene chloride	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	Ħ	**	**	11	n	II .	
Methyl tert-butyl ether	ND	3.00	Ħ	11		17	**	u u	
Naphthalene	ND	0.500	11	D	**		m .	II .	
n-Propylbenzene	ND	0.500	11	"	e e	u u	17	II	
Styrene	ND	0.500	#	"	u	u	17	ti	
Tert-amyl methyl ether	ND .	3.00	11	m .	"	II .	#	n	
Tert-butyl alcohol	ND	2.00	11	н		n n	n	Ħ	
1,1,1,2-Tetrachloroethane	ND `	0.500	er .	If	II .	U U		11	
1,1,2,2-Tetrachloroethane	ND	0.500	II .	ır	. и	n	n n	11	
Tetrachloroethene	. ND	0.500	u	11	н	и.	n n	ir .	
Toluene	ND	0.500	u	11	H	n	11	II	
1,2,3-Trichlorobenzene	ND	0.500	u	. 11	11	n	**	H.	
1,2,4-Trichlorobenzene	ND	0.500	II	11	11	- 17	II .	. и	
1,1,1-Trichloroethane	ND	0.500	н	"	17	17	н	H	
1,1,2-Trichloroethane	ND	0.500	н		, a	11	п -	<b>"</b>	
Trichloroethene	ND	0.500	11	. "	II .	11	· n	ir .	
Trichlorofluoromethane	ND	5.00	*	H	n	II	n	II	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	ir	н	и	11	и .	
1,2,3-Trichloropropane	ND	0.500		н	**		"	**	
1,2,4-Trimethylbenzene	ND	0.500		н	'n	n	n	**	
1,3,5-Trimethylbenzene	ND	0.500	H .	11	н	*	It	ır	
Vinyl chloride	ND	0.500	n.	11	İŧ	**	n	ıı .	
m,p-Xylene	ND	0.500	H	11	10	11	n	н .	
o-Xylene	ND	0.500	n	п	11	"	n	Ħ	
Surrogate: Dibromofluoromethan	e	102 %	86-11	3 .	"	"	ır	n	
Surrogate: Toluene-d8		101 %	88-11	9	n	· n	"	"	
Surrogate: 4-Bromofluorobenzene	2	98.6 %	86-11.	5	. #	. "	"	"	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells

Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

#### Volatile Organic Compounds by EPA Method 524.2

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SBJA #4 (0502420-04) Water	Sampled: 02/23/05 14:40	Received:	02/23/05	15:30			•		
Benzene	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Bromobenzene	ND	0.500	11	11	n	Ħ	**	II .	
Bromochloromethane	ND	0.500	u	"	H	u	. "	II .	
Bromodichloromethane	ND	0.500	n	ii.	Ħ		u ·	II .	
Bromoform	ND	0.500		<b>"</b> .	11	11		11	
Bromomethane	ND	0.500	e	11	11	н	II .	19	
Methyl ethyl ketone	ND	5.00	II .	"	и .	н	и .	11	
n-Butylbenzene	ND	0.500	II .	tt	"	r,	H	u	
sec-Butylbenzene	ND	0.500	n ·		"	11	H	· n	
tert-Butylbenzene	ND	0.500	н	Iţ.	"	17		н	
Carbon tetrachloride	ND	0.500		11	"	'n	11	н	
Chlorobenzene	ND	0.500	**	17	. 11	u u	n	11	
Chloroethane	ND .	0.500	"	11	tt .		. <b>n</b>	11	
2-Chloroethylvinyl ether	ND	1.00	"	11	II .	H	ħ	tt .	
Chloroform	ND	0.500	. "			n		n .	
Chloromethane	ND	0.500	"	II	H .	If		н	
2-Chlorotoluene	ND	0.500	"	n	. н	17	ıı	· #	
4-Chlorotoluene	ND	0.500	"	. 19	11		. "	18	
Dibromochloromethane	ND .	0.500	u .	11	" .	н	"	tt	
Dibromomethane	ND	0.500		lt.	" II	n	17	"	
1,2-Dichlorobenzene	ND	0.500	и .	ır	ø,	н	#	II.	
1,3-Dichlorobenzene	ND	0.500	**	11	n	17		"	
1,4-Dichlorobenzene	. ND	0.500	. н	II	**	п	n	Tf.	
Dichlorodifluoromethane	ND	0.500	**	II	**		n	11	
1,1-Dichloroethane	<sub>o</sub> ND	0.500	n	n	11	п .	11	п	
1,2-Dichloroethane	ND	0.500	11	#	e	н	11	н	
1,1-Dichloroethene	ND	0.500	19	"		"	II		
cis-1,2-Dichloroethene	ND	0.500	Œ	u	II	**	. н	it .	
trans-1,2-Dichloroethene	ND	0.500	10	11	ıı	II .	н	u ·	
1,2-Dichloropropane	ND	0.500	IF	ır	IT .	н	**	п	
1,3-Dichloropropane	ND	0.500	11	"	18	и.	u	#	
2,2-Dichloropropane	ND	0.500	Ħ	н	11	11	n	11	
1,1-Dichloropropene	ND	0.500	11	17 .	u	- 11	- 11	u	
cis-1,3-Dichloropropene	ND	0.500	ti	11	u	tt	11	"	
trans-1,3-Dichloropropene	ND	0.500	Ħ	11	u	II	u	"	
Di-isopropyl ether	ND	3.00	11	tr.	n	II	11	. "	
Ethyl tert-butyl ether	ND	3.00	а.	ır	n	II		11	
Ethylbenzene	ND	0.500	H	u	11	n	n	u	
Hexachlorobutadiene	ND	0.500	и		11	Ħ	11	n	
Isopropylbenzene	ND	0.500	If	II .	II .	11	"	Ħ	
p-Isopropyltoluene	ND	0.500	**	n	п	**	u	19	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells Project Manager: Pierre Dreher Reported: 03/09/05 13:48

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SBJA #4 (0502420-04) Water	Sampled: 02/23/05 14:40	Received:	02/23/05 1	15:30					
Methylene chloride	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	II .	u	u	"	. "	11	
Methyl tert-butyl ether	ND	3.00	II	0	n	It		"	
Naphthalene	ND	0.500			"	II .		**	
n-Propylbenzene	ND	0.500	ii.	*	n	II	11	. "	
Styrene	ND	0.500	п	**	n	н	п	**	
Tert-amyl methyl ether	ND ·	3.00	н	H	н	n	н	**	
Tert-butyl alcohol	ND	2.00	n ·	17	n	n	п	n	
1,1,1,2-Tetrachloroethane	ND .	0.500	n	18	11	Ħ	u	17	
1,1,2,2-Tetrachloroethane	ND	0.500	n	11	If .	11	**	l <del>t</del>	
Tetrachloroethene	ND	0.500	n	11	u	11	e e	11	
Toluene	ND	0.500	n	11	u		*	It	
1,2,3-Trichlorobenzene	ND	0.500	**	11	u	n	, ú	11	
1,2,4-Trichlorobenzene	ND	0.500	u,	u ·	н .	II .	n n	11	
1,1,1-Trichloroethane	ND	0.500	н	a	11	II .	n	11	
1,1,2-Trichloroethane	ND	0.500	11		. "	11	н	117	
Trichloroethene	ND	0.500	10	n	,,	11	11	11 .	
Trichlorofluoromethane	ND	5.00	18	v	"	"	#	**	
1,1,2-Trichlorotrifluoroethane	ND	10.0	II .	' u	" .		H st	"	
1,2,3-Trichloropropane	ND	0.500	R	n	11	u	It	. 11	
1,2,4-Trimethylbenzene	ND	0.500	R	н	11	ır	н	n	
1,3,5-Trimethylbenzene	ND	0.500	ır	11	п	11	п	. "	
Vinyl chloride	ND	0.500	t†	11	· u		11		
m,p-Xylene	ND	0.500	11	11	II .	. "	11	ıı	
o-Xylene	ND	0.500	11	"	n	Ħ	"	H.	
Surrogate: Dibromofluoromethar	пе	99.8 %	86-11	18	"	"	"	"	
Surrogate: Toluene-d8		99.6 %	88-11	10	H	"	"	"	
Surrogate: 4-Bromofluorobenzen	e	97.2 %	86-11	15	"	"	"	"	



Project: NA

32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project Number: Quarterly Wells
Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

## Volatile Organic Compounds by EPA Method 524.2

#### Sierra Analytical Labs, Inc.

Respect			sierra An	uij titu.						
Benzene	Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromochenzene   ND	SBJA #2 (0502420-06) Water	Sampled: 02/23/05 14:45	Received:	02/23/05	15:30					
Bromochloromethane	Benzene	ND	0.500	μg/L	1	B5C0316	03/02/05	03/02/05	EPA 524.2	
Bromodichloromethane	Bromobenzene		0.500	H	n	10	11	н		
Bromoform   ND	Bromochloromethane	ND	0.500	19	11	1t	It	"	"	
Bromomethane	Bromodichloromethane	ND	0.500	"	II .		ч	#	11	
Bromomethane	Bromoform	ND	0.500	**	н	н		. 11	11	
n-Butylbenzene ND 0.500 " " " " " " " " " " " " " " " " " "	Bromomethane	ND	0.500	n	11	**	н	п	11	
n-Burylbenzene ND 0.500 " " " " " " " " " " " " " " " " " "	Methyl ethyl ketone	ND	5.00	. н	n	11	n	н	п	
sec-Butylbenzene		· ND	0.500	11	11	**	**	п	IJ	
tert-Buylbenzene		ND	0.500	II.		"	u u	н	H	
Carbon tetrachloride		ND	0.500	11	· ·	H	II .	n ·	**	
Chlorobenzene         ND         0.500         "	•			n		n	II .	**	H .	. •
Chloroethane				n	ti	n	н		<b>n</b> .	
2-Chloroethylvinyl ether				н	11	11	19	н	n	
Chloroform         ND         0.500         "				11	**		19	н	11	
Chloromethane         ND         0.500         "				11	11	н .	п	10	u	
2-Chlorotoluene					tt.	п.	u	u	п	
4-Chlorotoluene         ND         0.500         "	•			11	и	11	n	п	,,	
Dibromochloromethane         ND         0.500         """"""""""""""""""""""""""""""""""""				n		11	,	п	n	
Dibromomethane         ND         0.500         """"""""""""""""""""""""""""""""""""				n		11	ir.	"	17	
1,2-Dichlorobenzene       ND       0.500       " </td <td></td> <td></td> <td></td> <td>11</td> <td>19</td> <td>11</td> <td>. 11</td> <td>11</td> <td></td> <td></td>				11	19	11	. 11	11		
1,3-Dichlorobenzene       ND       0.500       " " " " " " " " " " " " " " " " " " "						n	и	11	) "	
1,4-Dichlorobenzene       ND       0.500       " </td <td>,</td> <td></td> <td></td> <td>11</td> <td></td> <td>"</td> <td></td> <td></td> <td>II.</td> <td></td>	,			11		"			II.	
1,1-Dichlorodifluoromethane   ND   0.500	*								n .	
1,1-Dichloroethane       ND       0.500       """"""""""""""""""""""""""""""""""""	•									
1,2-Dichloroethane       ND       0.500       " <td></td>										
1,1-Dichloroethene					•			·	".	
cis-1,2-Dichloroethene cis-1,2-Dichloroethene ND 0.500 " " " " " " " " " " " " " " " " " "	,								"	
trans-1,2-Dichloroethene       ND       0.500       " <t< td=""><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	•									
1,2-Dichloropropane ND 0.500 " " " " " " " " " " " 1 1 2,2-Dichloropropane ND 0.500 " " " " " " " " " " " " " " 1 2,2-Dichloropropane ND 0.500 " " " " " " " " " " " " " " " " " "		- · · -								
1,3-Dichloropropane       ND       0.500       " </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td>									•	
2,2-Dichloropropane       ND       0.500       " </td <td></td> <td></td> <td>0.500</td> <td>n</td> <td></td> <td>n .</td> <td></td> <td></td> <td>Ħ</td> <td></td>			0.500	n		n .			Ħ	
1,1-Dichloropropene       ND       0.500       " </td <td></td> <td>ND</td> <td></td> <td>u .</td> <td>н</td> <td>II .</td> <td>lt .</td> <td>n n</td> <td>u u</td> <td></td>		ND		u .	н	II .	lt .	n n	u u	
cis-1,3-Dichloropropene         ND         0.500         " " " " " " " " " " " " " " " " " " "	2,2-Dichloropropane	ND ·	0.500	It	11	11	. "	"	u	
trans-1,3-Dichloropropene       ND       0.500       "       <	1,1-Dichloropropene	ND	0.500	11	"	n	II		n	
Di-isopropyl ether ND 3.00 " " " " " " " " " " " " " " " " " "	cis-1,3-Dichloropropene	ND	0.500	n.	11	n		u	19	
Di-isopropyl ether         ND         3.00         "		ND	0.500		It	11	11	H	11	
Ethyl tert-butyl ether       ND       3.00       "			3.00	H	н	ıı	"	n	n	
Ethylbenzene         ND         0.500         "				н	н	и	a	**		
Hexachlorobutadiene ND 0.500 " " " " " " " " " " " Isopropylbenzene ND 0.500 " " " " " " " " " " " " " " " " " "				н	n	11	11	ıı ·		
Isopropylbenzene ND 0.500 " " " " " "	•			н	n .	"	н	н	11	
	*			19	n	11	17	н	11	
ρ-ισομιομοτιο του οισου ,				10	n	11	I†	Ħ	п .	
	h-120hrohAttornette	. ND	0.500		•					



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly Wells

Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

## Volatile Organic Compounds by EPA Method 524.2

# Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SBJA #2 (0502420-06) Water	Sampled: 02/23/05 14:45	Received:	02/23/05 1	5:30					
Methylene chloride	ND	0.500	μg/L	1 ·	B5C0316	03/02/05	03/02/05	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	Ħ	11	II .	#	n	н .	
Methyl tert-butyl ether	ND	3.00	**	It	U	*	"	11	
Naphthalene	. ND	0.500	11	11	n	rr .	19	. #	
n-Propylbenzene	ND	0.500	11	IF	n	11	11	Ħ	
Styrene	ND	0.500	u	H	ır	11	tf.	п	
Tert-amyl methyl ether	ND	3.00	u	. "	**	11	II		
Tert-butyl alcohol	ND	2.00	11	н	11	11	11	II .	
1,1,1,2-Tetrachloroethane	ND	0.500	и	11	ш.	n	. 11	н	
1,1,2,2-Tetrachloroethane	ND	0.500	11	17		п	n n	11	
Tetrachloroethene	ND	0.500	n ' '	19	. 11	п			
Toluene	. ND	0.500	**	w ·	n	11		u ·	
1,2,3-Trichlorobenzene	ND	0.500	11	н ′	11	. 11	11	u	
1,2,4-Trichlorobenzene	ND	0.500	u	н	n	11	11	н	•
1,1,1-Trichloroethane	ND	0.500	u ,	"	10	11	н		
1,1,2-Trichloroethane	ND	0.500	u	11	11*	n	• ••	tt .	
Trichloroethene	ND	0.500	u .	H*	II	11	"		
Trichlorofluoromethane	ND	5.00	и .	16	п		"	н	
1,1,2-Trichlorotrifluoroethane	ND	10.0	н	11	n	11	н	. н	
1,2,3-Trichloropropane	ND	0.500	**	ır	н	n	н	**	
1,2,4-Trimethylbenzene	ND	0.500	.!!	п	Ħ	Ħ	**		
1,3,5-Trimethylbenzene	ND	0.500	**	н `	Ħ	#		II.	
Vinyl chloride	ND	0.500	"	н .			o ·	H	
m,p-Xylene	ND	0.500	"	**	u	11	II	и	
o-Xylene	ND	0.500	ır	Ħ	II	н	н	1f	
Surrogate: Dibromofluorometha	ne	103 %	86-11	3	"	"	"		
Surrogate: Toluene-d8		100 %	88-11		"	"	n	<b>"</b>	,
Surrogate: 4-Bromofluorobenzen	e	97.0 %	86-11		n .	"	"	"	



Project: NA

32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project Number: Quarterly Wells
Project Manager: Pierre Dreher

Reported: 03/09/05 13:48

#### 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
Batch B5B2517 - EPA 200 Series										
Blank (B5B2517-BLK1)				Prepared:	02/25/05	Analyzed	1: 02/28/05			
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	u							
Calcium	ND	0.53								
Chromium	ND	0.0060	ıı							
Cobalt	ND	0.0060	11							
Copper	ND	0.012	17							
ron	ND	0.064	11							
Lead	ND	0.019	711				٠			
Magnesium	ND	0.41	н							
Manganese	ND	0.011	"#							
Molybdenum	ND	0.028	Ħ							
Nickel	ND	0.010	11							
Potassium	ND	0.90	IF							
Selenium	, ND	0.026	u							
Silver	ND	0.0030	'n							
Sodium	1.50	0.71	#							QB-0
Гhallium	· ND	0.011	11				•			
Vanadium	. ND	0.012	"							
Zinc	ND	0.024	п							-
LCS (B5B2517-BS1)				Prepared:	02/25/05	Analyzed	: 02/28/05			
Aluminum	0.183	0.063	mg/L	0.200		91.5	75-125			
Antimony	0.193	0.023	. "	0.200		96.5	85-115			
Arsenic	0.189	0.025		0.200		94.5	80-120		*	
Barium	0.192	0.019	#	0.200		96.0	85-115			
Beryllium	0.197	0.0090	**	0.200		98.5	85-115		-	
Cadmium	0.188	0.0040	tt·	0.200		94.0	85-115			
Calcium	10.0	0.53	**	10.2		98.0	80-120			
Chromium	0.199	0.0060	н	0.200		99.5	85-115			
Cobalt	0.199	0.0060		0.200		96.0	85-115			
Copper	0.192	0.000	. "	0.200		96.5	85-115 85-115			
Lopper Iron	0.193	0.012	19	0.200		90.5 99.5	70-130			
tron Lead	0.17プ	0.004		U.ZUU		17.3	10-13V			
	0.191	0.019	31	0.200		95.5	85-115			



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 - Quality Control

#### Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5B2517 - EPA 200 Series										
LCS (B5B2517-BS1)				Prepared:	02/25/05	Analyzed	: 02/28/05			
Magnesium ,	10.0	0.41	mg/L	10.2		98.0	80-120			
Manganese	0.194	0.011	u	0.200		97.0	85-115			
Molybdenum	0.197	0.028	"	0.200		98.5	85-115			
Nickel	0.189	0.010	. ""	0.200		94.5	85-115			
Potassium	10.5	0.90		10.2		103	80-120			
Selenium	0.188	0.026	"	0.200		94.0	85-115			
Silver	0.191	0.0030	"	0.200		95.5	85-115			
Sodium	11.0	0.71	n	10.2		108	80-120			
Thallium	0.190	0.011	11	0.200		95.0	85-115			
Vanadium	0.194	0.012	н	0.200		97.0	85-115			
Zinc	0.191	0.024	ıı	0.200		95.5	85-115			
Matrix Spike (B5B2517-MS1)	Sou	Source: 0502420-01 Prepared: 02/25/05 Analyzed: 02/28/05								
Aluminum	0.185	0.063	mg/L	0.200	ND	92.5	70-130			
Antimony	0.202	0.023	n	0.200	ND	101	70-130			
Arsenic	0.195	0.025	Ħ	0.200	ND	97.5	70-130			
Barium	0.245	0.019	н	0.200	0.055	95.0	70-130			
Beryllium	0.200	0.0090	н	0.200	ND	100	70-130			
Cadmium	. 0.191	0.0040	н	0.200	ND	95.5	70-130			
Calcium	237	0.53	11	10.2	250	NR	70-130			QM-0
Chromium	0.203	0.0060	11	0.200	0.0036	99.7	75-130			
Cobalt	0.186	0.0060	17	0.200	ND	93.0	70-130			
Copper	0.202	0.012	11 .	0.200	ND	101	70-130			
Iron	0.410	0.064	II .	0.200	0.23	90.0	70-130			
Lead	0.187	0.019	п	0.200	ND	93.5	70-130			
Magnesium	56.9	0.41	u	10.2	46	107	70-130			
Manganese	0.313	0.011	п	0.200	0.12	96.5	70-130			
Molybdenum	0.207	0.028	n '	0.200	0.0063	100	70-130			
Nickel	0.189	0.010	н	0.200	ND	94.5	70-130			
Potassium	15.0	0.90		10.2	4.3	105	70-130			
Selenium	0.182	0.026		0.200	ND	91.0	70-130			
Silver	0.194	0.0030		0.200	0.00091	96.5	70-130			
Sodium	160	0.71	н	10.2	160	0.00	70-130			QM-0
Thallium	0.181	0.011	п	0.200	ND	90.5	70-130			•
Vanadium	0.190	0.012		0.200	ND	95.0	70-130			
Zinc	0.193	0.024	n	0.200	ND	96.5	70-130		•	



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 - Quality Control

#### Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5B2517 - EPA 200 Series										
Matrix Spike Dup (B5B2517-MSD1)	Sou	ırce: 050242	0-01	Prepared	: 02/25/05	Analyzed	i: 02/28/05			
Aluminum	0.187	0.063	mg/L	0.200	ND	93.5	70-130	1.08	20	
Antimony	0.199	0.023	"	0.200	ND	99.5	70-130	1.50	20	
Arsenic ·	0.193	0.025	н.	0.200	ND	96.5	70-130	1.03	20	
Barium	0.239	0.019	"	0.200	0.055	92.0	70-130	2.48	20	
Beryllium	0.199	0.0090	"	0.200	ND	99.5	70-130	0.501	20	
Cadmium	0.190	0.0040	11	0.200	ND	95.0	70-130	0.525	20	
Calcium	236	0.53	11	10.2	250	NR	70-130	0.423	20	QM-0
Chromium	0.202	0.0060	ıı	0.200	0.0036	99.2	75-130	0.494	20	
Cobalt	0.185	0.0060	u	0.200	ND	92.5	70-130	0.539	20	
Copper	0.198	0.012	· ·	0.200	ND	99.0	70-130	2.00	₹20	
fron	0.407	0.064	n	0.200	0.23	88.5	70-130	0.734	20	
Lead	0.186	0.019	n	0.200	ND	93.0	70-130	0.536	20	
Magnesium	55.3	0.41	n	10.2	46	91.2	70-130	2.85	20	
Manganese	0.306	0.011	u u	0.200	0.12	93.0	70-130	2.26	20	
Molybdenum	0.205	0.028	II .	0.200	0.0063	99.4	70-130	0.971	20	
Nickel	0.186	0.010	· п	0.200	ND	93.0	70-130	1.60	20	
Potassium	15.3	0.90	"	10.2	4.3	108	70-130	1.98	20	
Selenium	0.179	0.026	n	0.200	ND	89.5	70-130	1.66	20	5
Silver	0.193	0.0030	ır	0.200	0.00091	96.0	70-130	0.517	20	
Sodium	154	0.71	II .	10.2	160	NR	70-130	3.82	20	QM-07
<b>Thallium</b>	0.181	0.011	"	0.200	ND	90.5	70-130	0.00	20	
Vanadium	0.189	0.012	н .	0.200	ND	94.5	70-130	0.528	20	
Zinc	0.190	0.024	11	0.200	ND	95.0	70-130	1.57	20	
Batch B5C0320 - EPA 200 Series										
Blank (B5C0320-BLK1)				Prepared	& Analyze	d: 03/03/0	05			
Mercury	ND	0.00073	mg/L			-			·	



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 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5C0320 - EPA 200 Series										
LCS (B5C0320-BS1)				Prepared &	& Analyz	ed: 03/03/0	05			
Mercury	0.00109	0.00073	mg/L	0.00100		109	75-125			
Matrix Spike (B5C0320-MS1)	Sou	ırce: 050242	0-01	Prepared &	& Analyze	ed: 03/03/0	05			
Mercury	0.00110	0.00073	mg/L	0.00100	ND	110	75-125			
Matrix Spike Dup (B5C0320-MSD1)	<b>Source: 0502420-01</b> Prepared & Analyzed: 03/03/05									
Mercury	0.00114	0.00073	mg/L	0.00100	ND	114	75-125	3.57	20	



32470 Paseo Adelanto

Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

San Juan Capistrano CA, 92675

#### ANALYTICAL REPORT FOR SAMPLES

			•	
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CVWD #1	0605379-01	Water	05/18/06 12:55	05/18/06 14:00
Dance Hall	0605379-02	Water	05/18/06 13:00	05/18/06 14:00
SJBA #4	0605379-03	Water	05/18/06 12:45	05/18/06 14:00
Tirador	0605379-04	Water	05/18/06 12:30	05/18/06 14:00
SJBA #2	0605379-05	Water	05/18/06 12:50	05/18/06 14:00

#### **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.



ECO Resources Inc. 32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0605379-01) Wate	r Sampled: 05/18/06 12:5	5 Received: 05/18	/06 14:00					
Plate Count (1 ml) Total Coliforms	3 Absent	1 CFU/mI 1 CFU/100 r		B6E1910	05/18/06	05/18/06	SM 9215B SM 9222B	
Dance Hall (0605379-02) Wate	er Sampled: 05/18/06 13:0	00 Received: 05/1	8/06 14:00				,	
Plate Count (1 ml) Total Coliforms	<1 Absent	1 CFU/mI 1 CFU/100 r		B6E1910	05/18/06	05/18/06	SM 9215B SM 9222B	
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received: 05/18/0	6 14:00					•
Plate Count (1 ml) Total Coliforms	<1 Absent	1 CFU/mI 1 CFU/100 r	-	B6E1910	05/18/06	05/18/06 "	SM 9215B SM 9222B	
Tirador (0605379-04) Water	Sampled: 05/18/06 12:30	Received: 05/18/0	6 14:00					
Plate Count (1 ml) Total Coliforms	2 Absent	1 CFU/mI 1 CFU/100 r		B6E1910	05/18/06	05/18/06	SM 9215B SM 9222B	
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50.	Received: 05/18/0	6 14:00	•		•		
Plate Count (1 ml) Total Coliforms	2 Absent	l CFU/mL l CFU/100 r		B6E1910	05/18/06	05/18/06	SM 9215B SM 9222B	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

## Conventional Chemistry Parameters by APHA/EPA Methods

## Sierra Analytical Labs, Inc.

Storia rinary total Euros, rive												
Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes			
CVWD #1 (0605379-01) Water	Sampled: 05/18/06 12:55	Receiv	ed: 05/18/0	6 14:00				,				
Total Alkalinity	267	0.400	mg/L	1	B6E1903	05/19/06	05/19/06	EPA 310.1				
Carbonate Alkalinity	ND	0.400	n	11	n	н	11	u .				
Bicarbonate Alkalinity	267	0.400	. 11	11	11	11	19	. и				
Hydroxide Alkalinity	267	0.400	n	11	11	n	11	н				
Chloride	225	0.500	· n	17	и .	n	tt.	SM 4500-CI-B				
Color	2.00	1.00	Color Units	11	u	11	18	EPA 110.2				
Specific Conductance (EC)	2120	0.100	μmhos/cm	11	n	11	"	EPA 120.1				
Total Hardness	816	0.400	mg/L	it	u	11	H H	SM 2340				
Methylene Blue Active Substances	ND	0.100		. "	и,	tt ·	"	EPA 425.1				
Odor	1.00	1.00	T.O.N.	н	*	tr.	· "	EPA 140.1				
pH	6.95	0.100	pH Units	n	n	"	"	EPA 150.1				
Sulfate as SO4	550	0.500	mg/L	u	**	u u	ti .	EPA 375.4				
Total Dissolved Solids	1400	1.00	u u	11	17	n n	. "	EPA 160.1				
Total Suspended Solids	ND	1.00	, #	u	11	11	н	EPA 160.2				
Turbidity	1.96	0.0200	NTU		Ħ	"	. 11	EPA 180.1				
Dance Hall (0605379-02) Water	Sampled: 05/18/06 13:00	Receiv	ved: 05/18/0	6 14:00				•				
Total Alkalinity	249	0.400	mg/L	1	B6E1903	. 05/19/06	05/19/06	EPA 310.1				
Carbonate Alkalinity	ND	0.400	IT.	н	u	n	n .	a .				
Bicarbonate Alkalinity	249	0.400	u	n	u	if .	"	u .				
Hydroxide Alkalinity	249	0.400	н .	n		11	**	a a				
Chloride	234	0.500	11	н		11	**	SM 4500-Cl-B				
Color	213	1.00	Color Units	"	, и	II	."	EPA 110.2				
Specific Conductance (EC)	2200	0.100	μmhos/cm	**		II		EPA 120.1				
Total Hardness	792	0.400	mg/L	**	"	, 11	u u	SM 2340				
Methylene Blue Active Substances	ND	0.100	"		"	II	ır	EPA 425.1				
Odor	10.0	1.00	T.O.N.	11	n	н .	II .	EPA 140.1				
Н	7.21	0.100	pH Units	n	rr rr	н	. "	EPA 150.1	٠			
Sulfate as SO4	620	0.500	mg/L	ar .	n	· 11	19	EPA 375.4				
Total Dissolved Solids	1420	1.00	11	п	· u	**	t!	EPA 160.1				
Total Suspended Solids	ND	1.00	н	п	II .	11	**	EPA 160.2				
Turbidity	25.4	0.0200	NTU	. "	n	u	II.	EPA 180.1				
•												



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

## Conventional Chemistry Parameters by APHA/EPA Methods

#### Sierra Analytical Labs, Inc.

	Sierra Amary tear Labs, 11tc												
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note				
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received	l: 05/18/06 1	4:00									
Total Alkalinity	193	0.400	mg/L	1	B6E1903	05/19/06	05/19/06	EPA 310.1					
Carbonate Alkalinity	ND	0.400	11	17	n	tt .	"	n .					
Bicarbonate Alkalinity	193	0.400	11	11	n	۳ .	11	н					
Hydroxide Alkalinity	193	0.400		11	11	. 11	11	n					
Chloride	220	0.500	, п	ŧı	н '	н "	11	SM 4500-CI-B					
Color	2.00	1.00	Color Units	n	# .	n	tt.	EPA 110.2					
Specific Conductance (EC)	1960	0.100	μmhos/cm	H	#	**	II .	EPA 120.1					
Total Hardness	760	0.400	mg/L	17	"	"	н	SM 2340					
Methylene Blue Active Substanc	es ND	0.100	**	. It	II .	"	n	EPA 425.1					
Odor	1.00	1.00	T.O.N.	n	u	• н	17	EPA 140.1					
pH	7.16	0.100	pH Units	"	н	11	tt.	EPA 150.1					
Sulfate as SO4	530	0.500	mg/L	II	19	**		EPA 375.4					
Total Dissolved Solids	1330	1.00	п	11	17		n	EPA 160.1					
Total Suspended Solids	ND	1.00	и .		11	II .	n	EPA 160.2					
Turbidity	2.61	0.0200	NTU	"	"	11	**	EPA 180.1					
Tirador (0605379-04) Water	Sampled: 05/18/06 12:30	Received	: 05/18/06 1	4:00									
Total Alkalinity	267	0.400	mg/L	1	B6E1903	05/19/06	05/19/06	EPA 310.1					
Carbonate Alkalinity	ND	0.400	W <sub>e</sub>	н	**	. "	11	u					
Bicarbonate Alkalinity	267	0.400	It	**	***	н	n						
Hydroxide Alkalinity	267	0.400											
	20/	0.400	.,	**	11	11	н .	n					
Chloride	267 297	0.400	"	#	"	н .	n n	" SM 4500-CI-B					
	· · · · · · · · · · · · · · · · · · ·	0.500	" Color Units					" SM 4500-CI-B EPA 110.2					
Chloride	297	0.500		**	"	H	n						
Chloride Color	297 280	0.500 1.00		H -	"	H	11	EPA 110.2					
Chloride Color Specific Conductance (EC)	297 280 2500 926	0.500 1.00 0.100	μmhos/cm	# ·	11 17	H H	11 11	EPA 110.2 EPA 120.1					
Chloride Color Specific Conductance (EC) Total Hardness	297 280 2500 926	0.500 1.00 0.100 0.400	μmhos/cm mg/L	#	17 17	11 11 11	11 14 14	EPA 110.2 EPA 120.1 SM 2340					
Chloride Color Specific Conductance (EC) Total Hardness Methylene Blue Active Substanc Odor	297 280 2500 926 ND	0.500 1.00 0.100 0.400 0.100	μmhos/cm mg/L "	# · · · · · · · · · · · · · · · · · · ·	11 11 11	n n n	11 11 11	EPA 110.2 EPA 120.1 SM 2340 EPA 425.1					
Chloride Color Specific Conductance (EC) Total Hardness Methylene Blue Active Substanc Odor pH	297 280 2500 926 ND 14.0	0.500 1.00 0.100 0.400 0.100 1.00	μmhos/cm mg/L " T.O.N. pH Units	# # # # # # # # # # # # # # # # # # #	11 17 17 17 18	n	11 11 11 11	EPA 110.2 EPA 120.1 SM 2340 EPA 425.1 EPA 140.1					
Chloride Color Specific Conductance (EC) Total Hardness Methylene Blue Active Substanc Odor	297 280 2500 926 ND 14.0 7.06	0.500 1.00 0.100 0.400 0.100 1.00 0.100	μmhos/cm mg/L " T.O.N.	" " " " " " " " " " " " " " " " " " "	11 11 11 11 11 11 11	n	11 11 11 11	EPA 110.2 EPA 120.1 SM 2340 EPA 425.1 EPA 140.1 EPA 150.1					
Chloride Color Specific Conductance (EC) Total Hardness Methylene Blue Active Substanc Odor pH Sulfate as SO4	297 280 2500 926 ses ND 14.0 7.06 600	0.500 1.00 0.100 0.400 0.100 1.00 0.100 0.500	μmhos/cm mg/L " T.O.N. pH Units	# # # # # # # # # # # # # # # # # # #	11 11 11 11 11 11 11 11 11 11 11 11 11	n	11 11 11 11 11 11	EPA 110.2 EPA 120.1 SM 2340 EPA 425.1 EPA 140.1 EPA 150.1 EPA 375.4					



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

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

#### Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #2 (0605379-05) Water Samp	led: 05/18/06 12:50	Received	1: 05/18/06	14:00					
Total Alkalinity	218	0.400	mg/L	1	B6E1903	05/19/06	05/19/06	EPA 310.1	
Carbonate Alkalinity	ND	0.400	. "	"		11	Ħ		
Bicarbonate Alkalinity	218	0.400	"	"	"	"	. #	и	
Hydroxide Alkalinity	218	0.400	17	18	II .	II .		и	
Chloride	228	0.500	11		II	u	".	SM 4500-Cl-B	
Color	4.00	1.00	Color Units		II .	u	H .	EPA 110.2	
Specific Conductance (EC)	2100	0.100	μmhos/cm	u	н	II	u	EPA 120.1	
Total Hardness	948	0.400	mg/L	и,	н	11	п	SM 2340	
Methylene Blue Active Substances	ND	0.100	If .	н	n	11	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	н	* .	n	H	EPA 140.1	
рH	7.18	0.100	pH Units	"	**	II .	и '	EPA 150.1	
Sulfate as SO4	580	0.500	mg/L	**	"	m	11	EPA 375.4	
Total Dissolved Solids	1400	1.00	"	11	**	***	It	EPA 160.1	
Total Suspended Solids	ND	1.00		**		11	17	EPA 160.2	
Turbidity	2.80	0.0200	NTU	19	ır	11	17	EPA 180.1	



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

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

## Physical Parameters by APHA/ASTM/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0605379-01) Wate	r Sampled: 05/18/06 12:5	5 Receive	d: 05/18	/06 14:00					
Langlier's Index	+0.16		N/A	1	B6E1903	05/19/06	05/19/06	Calculation	
Dance Hall (0605379-02) Wat	er Sampled: 05/18/06 13:	00 Receive	ed: 05/18	3/06 14:00	_		•		
Langlier's Index	+0.30		N/A	1	B6E1903	05/19/06	05/19/06	Calculation	
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received:	05/18/0	6 14:00					
Langlier's Index	+0.12		N/A	1 .	B6E1903	05/19/06	05/19/06	Calculation	
Tirador (0605379-04) Water	Sampled: 05/18/06 12:30	Received:	05/18/06	14:00					
Langlier's Index	+0.26		N/A	1	B6E1903	05/19/06	05/19/06	Calculation	
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received:	05/18/0	6 14:00					
Langlier's Index	+0.25		N/A	- 1	B6E1903	05/19/06	05/19/06	Calculation	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

#### Anions by EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0605379-01) Wate	r Sampled: 05/18/06 12:5	5 Receive	d: 05/18/	06 14:00		** <u></u>	<del></del>	<del> </del>	
Nitrate as N	1.00	0.0200	mg/L	1	B6E1903	05/19/06	05/19/06	EPA 300.0	
Dance Hall (0605379-02) Water	er Sampled: 05/18/06 13:	00 Receive	ed: 05/18	/06 14:00					
Nitrate as N	1.20	0.0200	mg/L	. 1	B6E1903	05/19/06	05/19/06	EPA 300.0	
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received	05/18/0	6 14:00		*			
Nitrate as N	0.700	0.0200	mg/L	1	B6E1903	05/19/06	05/19/06	EPA 300.0	
Tirador (0605379-04) Water	Sampled: 05/18/06 12:30	Received:	05/18/06	14:00				•	
Nitrate as N	1.20	0.0200	mg/L	. 1	B6E1903	05/19/06	05/19/06	EPA 300.0	
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received:	05/18/0	6 14:00					
Nitrate as N	0.800	0.0200	mg/L	1	B6E1903	05/19/06	05/19/06	EPA 300.0	•



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

## Metals by EPA 200 Series Methods

#### Sierra Analytical Labs, Inc.

			1417 0104	ii Laus, i	1101				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0605379-01) Water	Sampled: 05/18/06 12:55	Receive	d: 05/18/	06 14:00		•			
Silver	ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Arsenic	ND	2.0	11	u	Д	"	п	" .	
Calcium	260	0.53	mg/L	. 1	B6E2211	05/22/06	05/23/06	EPA 200.7.	
Copper	ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Iron	0.45	0.040	mg/L	н	n	t†	"	**	
Potassium	4.3	0.90	Ħ	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Magnesium	54	0.41	н	11	"	11	. "	u u	
Manganese	190	4.0	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Sodium	160	0.71	mg/L ,	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Zinc	ND	20	μg/L	. 2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Dance Hall (0605379-02) Water	Sampled: 05/18/06 13:00	Receive	ed: 05/18	/06 14:00	٠				
Silver	ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Arsenic	11	2.0	11	"		н	n	It	.**
Calcium	210	0.53	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Copper	. ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Iron	2.5	0.040	mg/L	It	н	it	и	n	
Potassium	4.7	0.90	18	1 .	B6E2211	05/22/06	05/23/06	EPA 200.7	
Magnesium	. 62	0.41	II .	"	16	н	u	11	
Manganese	1200	4.0	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Sodium	210	0.71	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Zinc	ND	20	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received:	05/18/06	5 14:00					
Silver	ND	10	μg/L	. 2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Arsenic	ND	2.0	11	17	n	II.	11	11	
Calcium	200	0.53	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Copper	ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Iron	0.21	0.040	mg/L	11	11	и .	11	n	
Potassium	4.7	0.90	11	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Magnesium	53	0.41	11	н	II .	**	ıı	It	
Manganese	490	4.0	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Sodium	190	0.71	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	•
Zinc	ND	20	μg/L	. 2	B6E2212	05/22/06	05/22/06	EPA 200.8	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Tirador (0605379-04) Water	Sampled: 05/18/06 12:30	Received:	05/18/06	14:00					
Silver	ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Arsenic	13	2.0	**	10	Ħ	. 0	11	II	•
Calcium	260	0.53	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Copper	ND	.10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Iron	4.0	0.040	mg/L	11	e	II	u		
Potassium	5.9	0.90	u	. 1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Magnesium	. <b>77</b> .	0.41	n	11		, 11		n .	
Manganese	1300	4.0	μg/Ľ	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Sodium	290	0.71	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Zinc	ND	20	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received:	05/18/0	6 14:00				•	•
Silver	ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	
Arsenic	<b>79</b>	2.0	u	H	и .	9	н	- 11	
Calcium	230	0:53	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Copper	ND	10	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200,8	
Iron	7.8	0.040	mg/L	· n	. 19	n	и -	н	
Potassium	4.8	0.90	н	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Magnesium	54	0.41	и	U		11	**	H	
Manganese	410	4.0	μg/L	2	B6E2212	05/22/06	05/22/06	EPA 200.8	•
Sodium	200	0.71	mg/L	1	B6E2211	05/22/06	05/23/06	EPA 200.7	
Zine	22	20	μg/L	2 .	B6E2212	05/22/06	05/22/06	EPA 200.8	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

#### EDB and DBCP by EPA Method 504.1

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
CVWD #1 (0605379-01) Water	Sampled: 05/18/06 12:5	5 Receive	d: 05/18	/06 14:00					
1,2-Dibromoethane (EDB) Dibromochloropropane	ND ND	0.0200 0.0100	μg/L "	1	B6F0128	05/30/06	05/30/06	EPA 504.1	
Dance Hall (0605379-02) Wate	r Sampled: 05/18/06 13:0	00 Receiv	ed: 05/18	8/06 14:00					
1,2-Dibromoethane (EDB) Dibromochloropropane	ND ND	0.0200 0.0100	μg/L "	1	B6F0128	05/30/06	05/30/06	EPA 504.1	· ·
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received	: 05/18/0	6 14:00					
1,2-Dibromoethane (EDB) Dibromochloropropane	ND ND	0.0200 0.0100	μg/L "	1	B6F0128	05/30/06	05/30/06	EPA 504.1	
Tirador (0605379-04) Water	Sampled: 05/18/06 12:30	Received:	05/18/0	6 14:00					
1,2-Dibromoethane (EDB) Dibromochloropropane	ND ND	0.0200 0.0100	μg/L "	1	B6F0128	05/30/06	05/30/06	EPA 504.1	
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received	05/18/0	6 14:00					
1,2-Dibromoethane (EDB) Dibromochloropropane	ND ND	0.0200 0.0100	μg/L "	1	B6F0128	05/30/06	05/30/06	EPA 504.1	• .
* · · · · · · · · · · · · · · · · · · ·									



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

#### Chlorinated Pesticides and PCBs by EPA Method 505

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0605379-01) Water	Sampled: 05/18/06 12:55	Receive	d: 05/18/06	14:00			,		
Alachlor	ND	1.00	μg/L	1	B6E2218	05/22/06	05/22/06	EPA 505	
Aldrin	ND	0.0750	"	17	"	"	11	"	
Atrazine	ND	0.500	11	11	n'	" .	u ·	u	
Chlordane	ND	0.100	II .	U	II	"		ır	
Chlordane-alpha	ND	0.200	"	u	н		11	" .	
Chlordane-gamma	ND	0.200	**	H	17	н	N	"	
Dieldrin	ND	0.0200	и .	n	n	н .	н	11	
Endrin	ND	0.100	**		. "	,	. "	II .	
Heptachlor	ND	0.0100	18	u	11	tt .	. 0	и .	
Heptachlor epoxide	ND	0.0100	II.	n	н	II	H.	н	
Hexachlorobenzene	ND	0.500	"	H	**	ti	н	16	
Hexachlorocyclopentadiene	ND	1.00	11	"	"	н	11	u	
gamma-BHC (Lindane)	ND	0.200	, н	11		11	n ·	II .	
Methoxychlor	ND	10.0	Ħ	"	н	II .	. 11	Ħ	•
cis-Nonachlor	ND	0.0200	11		11	II .	Ħ	11	
trans-Nonachlor	ND	0.0200	Ü		.91	n	Ħ	n	
Simazine	ND	1.00	m .	If	u .	Ħ		n	
Toxaphene	ND .	1.00	II .	11	n	11	n	#	
PCB-1016	ND	0.500	"	u	n	п	н	rr e	
PCB-1221	ND	0.500	"	U	11	II	11	п	
PCB-1232	ND ·	0.500	11	n	17	Ħ .	n	11	
PCB-1242	ND	0.500		. n	II	Ħ	11	11	
PCB-1248	ND	0.500	II .	If ,	11	. "	11	"	
PCB-1254	ND	0.500	11	11	n	u	n n	11	
PCB-1260	ND	0.500	. #	u	"	11	н	11	
Surrogate: 4,4'-Dibromobiphenyl		134 %	35-15	0	"	"	"	"	



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

## Chlorinated Pesticides and PCBs by EPA Method 505

#### Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0605379-02) Water	Sampled: 05/18/06 13:0	00 Receive	ed: 05/18	/06 14:00					
Alachlor	ND	1.00	μg/L	1	B6E2218	05/22/06	05/22/06	EPA 505	
Aldrin	ND	0.0750	n	**	Ħ	H	11	11	
Atrazine	ND	0.500	10		. 10	<b>"</b> , '		u	
Chlordane	ND	0.100	"		и	11	· n	U	
Chlordane-alpha	ND	0.200		**		n			
Chlordane-gamma	ND	0.200	н	11	"	tf	11	11	
Dieldrin	ND	0.0200		IF	11		n	II .	
Endrin	ND	0.100	11	II	11	11	II	II .	
Heptachlor	ND	0.0100	u	n	11	II	n	11	
Heptachlor epoxide	ND	0.0100		11	н	11	11	н	
Hexachlorobenzene	ND .	0.500	n	n.	**	19		U	
Hexachlorocyclopentadiene	ND	1.00	#	II	# .	11	n	н	
gamma-BHC (Lindane)	. ND	0.200	iT	н				er .	
Methoxychlor	ND	10.0	u	h	n	n	u	II .	
cis-Nonachlor	ND	0.0200	11	11	**	n	11	n	
trans-Nonachlor	ND	0.0200	11	u u	. "	11	и	**	
Simazine	ND	1.00	, n	u	. "	U	11	**	
Toxaphene	ND	1.00	**	n	If	H	u	n	
PCB-1016	ND	0.500	II .	If	11	n	ii	u ·	
PCB-1221	. ND	0.500	. "	11	u	u	. н	и	
PCB-1232	ND	0.500	и :	u	н	н	17	11	
PCB-1242	ND	0.500	"	H	M	"	n	#	
PCB-1248	ND	0.500	11	17	11	n .	*	ii .	
PCB-1254	ND	0.500		II .	u	· n	u	11	
PCB-1260	ND	0.500	н	<b>"</b> .	"	н	u .	er	
Surrogate: 4,4'-Dibromobiphenyl		144 %	35-	150	. 11	и .	"	"	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

## Chlorinated Pesticides and PCBs by EPA Method 505

			<u>·</u>						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received:	05/18/0	6 14:00					
Alachlor	ND	1.00	μg/L	1	B6E2218	05/22/06	05/22/06	EPA 505	
Aldrin	ND	0.0750	н	я	п	Ħ	. u	. "	
Atrazine	ND	0.500	п	u	н	11	n	"	
Chlordane	ND	0.100	11	ıı		11	11	19	•
Chlordane-alpha	ND	0.200	. 11	19	n	It	"	и .	
Chlordane-gamma	ND	0.200	ır	**	u	ij		n,	
Dieldrin	ND	0.0200		tt.	. "	n	п	n	
Endrin	ND	0.100	. "	u	n	tt	n	Ħ	
Heptachlor	ND	0.0100	n		**	II.	" <b>"</b>	tt .	
Heptachlor epoxide	ND	0.0100	н		**	11	"	II .	
Hexachlorobenzene	ND	0.500	11	Ħ	u	n	Œ	n ,	
Hexachlorocyclopentadiene	ND .	1.00	**	17	"	n ·	II .	**	
gamma-BHC (Lindane)	ND	0.200	tt.	11	n		n	u	•
Methoxychlor	ND	10.0		II	"	#	IF.	n	
cis-Nonachlor	ND	0.0200	п		11	10	n	н	
trans-Nonachlor	ND	0.0200	н	**	ır		n	**	
Simazine	ND	1.00	"	n .	н	и	11	u	
Toxaphene	ND .	1.00	п	п	n	n	н ,	U	
PCB-1016	ND	0.500	"	u	n.	H	11	'n	
PCB-1221	ND	0.500	II .	a	u	11	u u	11	
PCB-1232	ND	0.500	п	"	u	II .	n	. 11	
PCB-1242	ND	0.500	n	n	п	n	н .	u u	
PCB-1248	ND	0.500	17	. "	н	. 11	н .	n	
PCB-1254	ND	0.500	10	ıt	11	. #	n .	"	
PCB-1260	ND	0.500	11	и .	н	şu .	n		
Surrogate: 4,4'-Dibromobipheny	ol .	128 %	35	-150	"	'n	n n	"	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Reported:

Project Manager: Pierre Dreher 06/05/06 15:34

## Chlorinated Pesticides and PCBs by EPA Method 505

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received:	05/18/0	6 14:00					
Alachlor	ND	1.00	μg/L	1	B6E2218	05/22/06	05/22/06	EPA 505	
Aldrin	ND	0.0750	11	11	11	"	II	H	
Atrazine	ND	0.500	"	u		II .	II	"	
Chlordane	ND	0.100	11	11	u	"	11	18	
Chlordane-alpha	ND	0.200	11	11	"		n,	·	
Chlordane-gamma	ND	0.200	u	II .	. "	#	**	и	
Dieldrin	ND	0.0200	u	n	II	H	. "	α	
Endrin	ND	0.100	II	n	n	tt .	11	u	
Heptachlor	ND	0.0100	11	Ħ	Ħ	If .	17	II .	
Heptachlor epoxide	ND	0.0100	11	Ħ	ń ·	Ħ	u	n	
Hexachlorobenzene	ND	0.500	н	#	11	11	u	Ħ	
Hexachlorocyclopentadiene	ND	1.00	11		11	er ,	"	11	
gamma-BHC (Lindane)	ND	0.200	n	· #	11		н	u	
Methoxychlor	ND	10.0	Ħ	* .	u	n	**	n	
cis-Nonachlor	ND	0.0200	H	и	u	n .	. #	н	
trans-Nonachlor	ND	0.0200	11	1.0	n	H	11	n	
Simazine	. ND	1.00	11	н	и ,	11	"	"	
Toxaphene	ND	1.00	11	H		. "	"	п	
PCB-1016	ND	0.500	11	Ħ	"	и.	n	• •	
PCB-1221	ND	0.500	u		11	n	11	п	
PCB-1232 °	ND	0.500		11	**	n	11	. н	•
PCB-1242	ND	0.500	II .	17	u	n	tt.	н .	
PCB-1248	ND	0.500	II .	.i u	II	H	п	17	
PCB-1254	ND	0.500	n	II .	"	. #	11	u .	
PCB-1260	ND	0.500	. 11	п	**	0	. "	II .	
Surrogate: 4,4'-Dibromobipheny	1	140 %	35-	150	"	"	"	"	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

#### Organo-Chlorine Herbicides by EPA Method 515.2

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
CVWD #1 (0605379-01) Water	Sampled: 05/18/06 12:55	Receive	d: 05/18/	06 14:00					
2,4,5-T	ND	0.200	μg/L	1	B6E2426	05/23/06	05/24/06	EPA 515.2	
2,4,5-TP (Silvex)	ND	1.00	"	н	11	II	19	n	
2,4-D	ND .	10.0	"	11	. 10	Ħ	11	n	
2,4-DB	ND	0.200	"	" .	11	н	II .	н .	
3,5-Dichlorobenzoic acid	ND	0.200	11	n	a	. "	11	"	
Acifluorfen	ND	0.200	Ħ	, n	п	"	"	" .	
Bentazon	ND	2.00	"	19	"	11	· n	n .	
Dalapon	ND	0.200		u	n	**	**	u	
Dacthal Acid Metabolites	ND	0.200	tř	11	и '	11	19		
Dicamba	ND	1.50	H	ır	n	н .	u	n	•
Dichlorprop	ND	0.200	11	ú	11	n	If	H .	
Dinoseb	ND	2.00	**	II .	11	11	II .	TT .	
Pentachlorophenol	ND	0.200	11	н	11	**	n	u	
Picloram	ND	1.00	н	n	н	Ħ	и	II	
Surrogate: 2,4-Dichlorophenylace	tic Acid	84.2 %	35-	150	,	"	"	"	
Dance Hall (0605379-02) Water	Sampled: 05/18/06 13:00	Receive	ed: 05/18/	06 14:00					
2,4,5-T	ND	0.200	μg/L	Ī	B6E2426	05/23/06	05/24/06	EPA 515.2	
2,4,5-TP (Silvex)	ND	1.00	n	tt.	n	. 11	. "		
2,4-D	ND	10.0	n .	11	#	"	"	n n	
2,4-DB	ND	0.200	n	II	**	n .	if .	"	
3,5-Dichlorobenzoic acid	ND	0.200		ıı	II .	u .	at a	n	
Acifluorfen	ND.	0.200	17	н	"	u	n	т .	
Bentazon	ND	2.00			11	II .	"	u	
Dalapon	ND	0.200	II	ľ	н .	n	"	11	
	ND	0.200	H .	. "	19	. "	n .	ń	
Dacthal Acid Metabolites		1.50	11	11		"	u	11	
•	ND	1.50				11			
Dacthal Acid Metabolites	ND ND	0.200	п • .	11	n		u	u u	
Dacthal Acid Metabolites Dicamba			n • . n	11	11	".	"	u 11	
Dacthal Acid Metabolites Dicamba Dichlorprop Dinoseb	ND ND	0.200 2.00						u u	
Dacthal Acid Metabolites Dicamba Dichlorprop	ND	0.200	u	"	II	".	u		



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

## Organo-Chlorine Herbicides by EPA Method 515.2

#### Sierra Analytical Labs, Inc.

Sierra Analytical Labs, Inc.													
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note				
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received:	05/18/06	14:00									
2,4,5 <b>-</b> T	ND	0.200	μg/L	1	B6E2426	05/23/06	05/24/06	EPA 515.2					
2,4,5-TP (Silvex)	ND	1.00	"	11	u	**	n	ni					
2,4-D	ND	10.0	"	**	n	**	н	u ·					
2,4-DB	ND	0.200	Ħ	ır	U	u u	н	n .					
3,5-Dichlorobenzoic acid	ND	0.200	n	17	n	u	19	n					
Acifluorfen	ND	0.200	n .	**	n	u	tt.	. н					
Bentazon	ND	2.00	"	ır	,,	II	11	n					
Dalapon	ND	0.200	n	н	n	u u	u	#					
Dacthal Acid Metabolites	ND	0.200	11	н	10	. "	п	. "					
Dicamba	ND	1.50	17	п	**	н	н	11					
Dichlorprop	. ND	0.200		n	n	17	н	11					
Dinoseb	ND	2.00	u .	n	u ·	**	"	11					
Pentachlorophenol	ND	0.200	II.	17	н	18	11	н					
Picloram	ND	1.00	n .		n	11	tt.	#					
Surrogate: 2,4-Dichlorophenyla	cetic Acid	74.8 %	35-	150	"	"	"	"					
Tirador (0605379-04) Water	Sampled: 05/18/06 12:30	Received:	05/18/06	14:00		٠							
2,4,5-T	ND	0.200	μg/L	1	B6E2426	05/23/06	05/24/06	EPA 515.2					
2,4,5-TP (Silvex)	ND	1.00	19	H	II .	n	. 11	11					
2,4-D	ND	10.0	19	Ħ	п	. "	11	fr .					
2,4-DB	ND	0.200	17	19	11	. #	u ,	ii					
3,5-Dichlorobenzoic acid	ND	0.200	19	12	н	и	11	II					
Acifluorfen	ND	0.200	If	11	. 11	II	n	н					
Bentazon	ND	2.00	Iŧ	п	.it	n	-11	11					
Dalapon	ND	0.200	u	n ,	11	n	11	11					
Dacthal Acid Metabolites	ND	0.200		ti	u	H	u ·	u					
Dicamba	ND	1.50		n	a '	11	11	17					
Dichlorprop	ND	0.200	н	"	. u	۳.	<b>"</b> ."	H					
Dinoseb	ND	2.00	н	19	Ħ	4	,,	m .					
Pentachlorophenol	ND	0.200	н .	11		n	ii,	u					
Picloram	ND	1.00	17	u u	If	и.	п	n					
Surrogate: 2,4-Dichlorophenyla	cetic Acid	82.4 %	35-	150	"	"	"	"					



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

Organo-Chlorine Herbicides by EPA Method 515.2

#### Sierra Analytical Labs, Inc.

Analyte	· Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	, Note
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received:	05/18/06	14:00	,				
2,4,5-T	ND	0.200	μg/L	1	B6E2426	05/23/06	05/24/06	EPA 515.2	
2,4,5-TP (Silvex)	ND	1.00	"	н	tr	H	IT.	. #	
2,4-D	ND	10.0	"	11	11	n .	ır	Ħ	
2,4-DB	ND	0.200	**	**	II .	H <sup>*</sup>	"	10	
3,5-Dichlorobenzoic acid	ND	0.200	11	II	н	n .	11	.0	
Acifluorfen	ND	0.200	11	II	- н	u i	tr.	ø	
Bentazon	ND	2.00	u.	u u	Ħ	n	ø	II	
Dalapon	ND	0.200		II .	11	tt .	n	11	
Dacthal Acid Metabolites	ND	0.200	п.	11	. #	"	11	n	
Dicamba	ND	1.50	ø	II	u	"	n	н	
Dichlorprop	ND	0.200	н	11	и ,	и '	11	11	
Dinoseb	ND	2.00	н .	11	ш	n	19	u	
Pentachlorophenol	ND	0.200	н	11	. 11	u	и	"	
Picloram	ND	1.00	19	11	n	n	п	17	
Surrogate: 2,4-Dichlorophenyla	cetic Acid	78.6 %	35-	150	"	"	. "	n	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

## **Volatile Organic Compounds by EPA Method 524.2**

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0605379-01) Water									
Benzene	ND .	0.500	μg/L	1	B6E2601	05/25/06	05/25/06	EPA 524.2	
Bromobenzene	ND .	0.500	μg/L "	"	10002001	11	"	BFA 324.2	
Bromochloromethane	ND	0.500	"	"	11	".	11	и.	
Bromodichloromethane	ND	0.500	19	. 11	н	. 11	ıı .	n	
Bromoform	ND	0.500	ır	IT	п	II	n	**	
Bromomethane	ND	0.500		11	n	н	tt	**	
Methyl ethyl ketone	ND	5.00	u	**	Ħ	н	II	<i>i</i>	
n-Butylbenzene	ND	0.500	"	."	11	n	"	11	
sec-Butylbenzene	ND	0.500	"		u	11	ıı,	n	
tert-Butylbenzene	ND	0.500	n	11	u	ii	**	**	
Carbon tetrachloride	ND	0.500	**	n	н	ti	ď	ij	
Chlorobenzene	ND .	0.500	u .	. 11	**	. 11	u	, n	
Chloroethane	ND	0.500	и	II	11	#	и	и .	
2-Chloroethylvinyl ether	ND	1.00	· ii	ш	11	n		n	
Chloroform	ND	0.500	n	n .		u	10	II .	
Chloromethane	ND	0.500	11	**		и .	II .	и .	
2-Chlorotoluene	ND	0.500	"	"	"	n .	u	н	
4-Chlorotoluene	ND	0.500	11	"	"	"	n	11	
Dibromochloromethane	ND	0.500	91		11	"	n	u .	
Dibromomethane	ND	0.500	II .	н	11	u	11	u .	
1,2-Dichlorobenzene	ND	0.500	п	n	11	п .	u	н	
1,3-Dichlorobenzene	ND .	0.500	п	17	'n	n	n	#	
1,4-Dichlorobenzene	ND	0.500	n	II .	H	11	11	11	•
Dichlorodifluoromethane	ND	0.500	Ħ	п	Ħ	и.	Ħ	и .	
1,1-Dichloroethane	ND	0.500	11	11	11	н	п	н ·	
1,2-Dichloroethane	ND	0.500	ш	n		н	n	н	
1,1-Dichloroethene	ND	0.500	ш	11	"	11	Ħ	и .	
cis-1,2-Dichloroethene	ND	0.500	ш	II.	"	n	II	n .	
trans-1,2-Dichloroethene	ND	0.500	11	п	11	"	II	19	
1,2-Dichloropropane	ND	0.500		u	u	н	U	u	
1,3-Dichloropropane	ND	0.500	"	"	n	"	11	н	
2,2-Dichloropropane	ND	0.500	11	11	rr ·	11	u .	17	
1,1-Dichloropropene	ND	0.500		u	11	11	**	tt.	
cis-1,3-Dichloropropene	ND	0.500	n	**	tt.	u .	n	u	
trans-1,3-Dichloropropene	ND	0.500	"	II.	н	n	10	H	
Di-isopropyl ether	ND	3.00	"	n	n	н	II .	11	
Ethyl tert-butyl ether	ND	3.00	"	**	н	Ħ .	n	16	
Ethylbenzene	ND	0.500		. "	Ħ	11	n	n .	
Hexachlorobutadiene	ND	0.500		· m	11	**	Ħ	n	
Isopropylbenzene	ND	0.500	II .	ır	11		n ,	19	
p-Isopropyltoluene	ND	0.500	11	II	11	It	ш	lt.	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

## Volatile Organic Compounds by EPA Method 524.2

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (0605379-01) Water	Sampled: 05/18/06 12:55	Receive	d: 05/18/	06 14:00				. *	
Methylene chloride	ND	0.500	μg/L	1	B6E2601	05/25/06	05/25/06	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	**	11	н	ıı	"	II .	
Methyl tert-butyl ether	ND	3.00	11	11	u	**	. "	H	
Naphthalene	ND	0.500	11		u	"	II .	n	
n-Propylbenzene	ND	0.500	tr .	u	н	"	II .	"	
Styrene	· ND	0.500		n	n	и .	II	"	
Tert-amyl methyl ether	ND	3.00		n	"	II	н	"	
Tert-butyl alcohol	ND	2.00	п	н	. "	n	Ħ	II .	
1,1,1,2-Tetrachloroethane	ND	-0.500	n	H	11	н	Ħ	n n	
1,1,2,2-Tetrachloroethane	ND ·	0.500	H	10	и .	n	II .	n	
Tetrachloroethene	ND	0.500	n	и	II .	u	. "	u ·	
Toluene	ND	0.500	. 11	. "	п	n	11	u u	
1,2,3-Trichlorobenzene	ND	0.500	n	u	н	n .	n	II .	
1,2,4-Trichlorobenzene	ND	0.500	u.	u	. "	11		п	
1,1,1-Trichloroethane	ND	0.500	и	- H	. 11			н	
1,1,2-Trichloroethane	ND	0.500	n .		ir	**	**	12	
Trichloroethene	ND	0.500	n	ir.	u	"	H	H.	
Trichlorofluoromethane	ND	5.00	"			u u	**		
1,1,2-Trichlorotrifluoroethane	ND	10.0	**	u	и .	**			
1,2,3-Trichloropropane	ND	0.500		n ·	n	н		H	
1,2,4-Trimethylbenzene	ND	0.500	" .	1 to 10	н .	n	· u	н .	
1,3,5-Trimethylbenzene	ND	0.500	11	n		17	"	n'	•
Vinyl chloride	ND	0.500	11 .	11	н	n n	11	n	
m,p-Xylene	ND	0.500	tt	n	ıı	II	er .	n '	
o-Xylene	ND	0.500	я	11	11	11	ıı	11	•
Surrogate: Dibromofluoromethane	?	102 %	86-	·118	"	"	"	"	
Surrogate: Toluene-d8	•	98.8 %	88-	110	"	<i>n</i> :	#	"	
Surrogate: 4-Bromofluorobenzene		101 %		115	"	. "	"	"	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

00/03/00

## Volatile Organic Compounds by EPA Method 524.2

#### Sierra Analytical Labs, Inc.

		Reporting	alytical					·	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	No
Dance Hall (0605379-02) Water	Sampled: 05/18/06 13:00	Receive	ed: 05/18/	<b>06 14:00</b>					
Benzene	ND	0.500	μg/L	i	B6E2601	05/25/06	05/25/06	EPA 524.2	٠.
Bromobenzene	ND	0.500		n	u ·	n	Ħ	и	
Bromochloromethane	ND	0.500	**	II	"	u	11	и .	
Bromodichloromethane	ND	0.500	19		n	· a	II	ø	
Bromoform	ND	0.500	If .	н	" .	11	н	n	
Bromomethane	ND	0.500	II	Ħ	u.	Ħ	Ħ	H	
Methyl ethyl ketone	ND	5.00	н	11	"	If	"	11	
n-Butylbenzene	ND	0.500	Ħ	11	н	11	u	n	
sec-Butylbenzene	ND	0.500	**	11	11	п .	н	*	
tert-Butylbenzene	. ND	0.500	11		ır	n	11	**	
Carbon tetrachloride	ND	0.500	11	II	, и	н	tt.	u	
Chlorobenzene	ND	0.500	н	н	11	n		и .	
Chloroethane	ND	0.500	19	11	11	n	n	· #	
2-Chloroethylvinyl ether	ND	1.00	19	"		<b>r</b> ·	"	u u	
Chloroform	ND	0.500	H*		11	п	n ,	11	
Chloromethane	ND	0.500		н	H,	II .	11	H .	
2-Chlorotoluene	ND	0.500	н		lf .	. 11	u	n	
4-Chlorotoluene	ND	0.500		11	n	If	n		
Dibromochloromethane	ND	0.500	II.	It	n	u	н .	H	
Dibromomethane	ND	0.500	н	11	"	н	"	er .	
1,2-Dichlorobenzene	ND	0.500	n	*1	n n	ı	11	'n	
1,3-Dichlorobenzene	ND	0.500	n	ır	H .	II	**	Ħ	
1,4-Dichlorobenzene	ND	0.500	ur ·	ir	**	u	17	• •	
Dichlorodifluoromethane	ND	0.500	11	н	u	II	ır	н	
1,1-Dichloroethane	ND	0.500	Ħ	n		n	11	11	
1,2-Dichloroethane	ND	0.500	11	ır	H	11	II .		
1,1-Dichloroethene	.ND	0.500	ır	н .	Ħ		и .	11	
cis-1,2-Dichloroethene	ND	0.500	n	**	11	'n	n	ш	
trans-1,2-Dichloroethene	ND	0.500	Ħ	u		11	и -	II.	
1,2-Dichloropropane	ND	0.500	11	ır	Ħ	11	п	10	
1,3-Dichloropropane	ND	0.500	ú	u	11	'n	**	, m	
2,2-Dichloropropane	ND .	0.500	н	11	u		16	н	
1,1-Dichloropropene	ND	0.500	Ħ			u u	' н	17	
cis-1,3-Dichloropropene	ND	0.500	17	п	11	n		u	
trans-1,3-Dichloropropene	ND	0.500	10	ni .		н ′	ir	н	
Di-isopropyl ether	ND	3.00	11 .	**	II	и	н	tt .	
Ethyl tert-butyl ether	ND	3.00	n	п	H	п	17		
Ethylbenzene	ND	0.500	11	п	"	u .	II .	**	
Hexachlorobutadiene	ND	0.500		u	ır	m	н	n	•
Isopropylbenzene	ND	0.500	,		11	11	II.	и	
p-Isopropyltoluene	ND ND	0.500	. 11	"	n		II.	**	
p-rsopropy itorucite	ND	0.500							



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Reported: 06/05/06 15:34

Project Manager: Pierre Dreher

## Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Leporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0605379-02) Water	Sampled: 05/18/06 13:00	Receive	ed: 05/18/	06 14:00					
Methylene chloride	ND	0.500	μg/L	ľ	B6E2601	05/25/06	05/25/06	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	**	0	н	O.	17	17	
Methyl tert-butyl ether	ND	3.00	It	n	N	tr.	"	11	
Naphthalene	ND	0.500		н		ir .	"	"	
n-Propylbenzene	ND	0.500	n	н	18	, п	11	II .	
Styrene	ND	0.500	н	r	18	. 11	IT	n ·	
Tert-amyl methyl ether	ND	3.00	Ħ	If	. "	н	u	. 11	
Tert-butyl alcohol	ND	2.00	. "	It	II .	, н	n	11	
1,1,1,2-Tetrachloroethane	ND	0.500	Ħ	11	u	Ħ	11	#	
1,1,2,2-Tetrachloroethane	ND	0.500	H		II .	11	n	<b>"</b> .	
Tetrachloroethene	ND	0.500	17	u	п	n	n	11	
Toluene	ND	0.500	TP .	u	n n	"	. "	II .	
1,2,3-Trichlorobenzene	ND	0.500	17	ù	п	ıı	n	II .	
1,2,4-Trichlorobenzene	ND	0.500	17	a a	11	ıı	H	н	
1,1,1-Trichloroethane	ND	0.500	Ît	u,	17	II	n	" .	
1,1,2-Trichloroethane	ND	0.500	11	II	n	11	н	".	
Trichloroethene	ND	0.500	. 11	n	11	Ħ	n .	ır	
Trichlorofluoromethane	ND	5.00	II	n	H .	19	, n	II	
1,1,2-Trichlorotrifluoroethane	ND	10.0	II	n	п	11	"	'n	
1,2,3-Trichloropropane	ND	0.500	, 11	ù	II .	11	R	Ħ	
1,2,4-Trimethylbenzene	ND	0.500	п	11	11	11	"		
1,3,5-Trimethylbenzene	ND	0.500	n .	. 14	н	11	n	11	
Vinyl chloride	ND	0.500	n .	11	**	ji	n	. 11	
m,p-Xylene	ND	0.500	11	. "	. It	11	"	n	
o-Xylene	ND	0.500	ti	п	er	11	и	Ħ	
Surrogate: Dibromofluoromethane		105 %	86-1	118	"	"	"	"	
Surrogate: Toluene-d8		98.4 %	88-1	110	#	n,	#	"	
Surrogate: 4-Bromofluorobenzene	*	101%	86-1	115	<b>"</b> .	"	"	n	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# Volatile Organic Compounds by EPA Method 524.2

# Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45								1.0103
Benzene	ND	0.500	μg/L	1	B6E2601	05/25/06	05/25/06	EPA 524.2	
Bromobenzene	ND	0.500	"	11	11	II	II	**	
Bromochloromethane	ND	0.500	"	17	11	u	u	n ·	•
Bromodichloromethane	ND	0.500	n	11	11	II .	п	"	
Bromoform	ND	0.500	"	. "	#	ш	ıı	11	
Bromomethane	ND	0.500	**	**	11	u	II	**	
Methyl ethyl ketone	ND	5.00	19	u	11	II .	"		
n-Butylbenzene	ND	0.500	19		11	н	*	"	
sec-Butylbenzene	ND	0.500		u	17	н	"	II	
tert-Butylbenzene	ND	0.500	17		11	n	19	и .	
Carbon tetrachloride	ND	0.500	n	u	ır	· n	11	и.	
Chlorobenzene	ND	0.500	н .	n .	u	11	#	и	
Chloroethane	ND	0.500	'n	ш		19	ů ·	n	
2-Chloroethylvinyl ether	ND	1.00	19	ıı		, #	ır	, "	
Chloroform	ND	0.500	17	II .	II	11	II .	17	
Chloromethane	ND	0.500	n	·	. "	11	II .	10	
2-Chlorotoluene	ND ·	0.500	11	n		11	п		
4-Chlorotoluene	ND	0.500		n	11	11	н	u	
Dibromochloromethane	ND	0.500		H	11	"	**	a	
Dibromomethane	ND	0.500	11	H	11	u, ·	. "	н	
1,2-Dichlorobenzene	ND	0.500		H	Ħ	u .	**	n	
1,3-Dichlorobenzene	ND	0.500	0	**	17	п	. 11	н .	
1,4-Dichlorobenzene	ND	0.500	. 19	**	11	II	n .	It	
Dichlorodifluoromethane	ND	0.500		n	**	11	II	. 11	
1,1-Dichloroethane	ND	0.500	. 19	n .		n	и .	п	
1,2-Dichloroethane	ND	0.500	11	u	97	n			
1.1-Dichloroethene	ND	0.500	II	я	u	**	**		,
cis-1,2-Dichloroethene	ND	0.500		u	ıı	**	11	· n	
trans-1,2-Dichloroethene	ND	0.500	II.						
1,2-Dichloropropane	ND	0.500	It				u	tr .	
1,3-Dichloropropane	ND ND	0.500					"		
2,2-Dichloropropane	ND	0.500	11	u	#	п	,,	u	
1,1-Dichloropropene	ND	0.500	"	н		11	,,	п	
cis-1,3-Dichloropropene	ND	0.500		и	. "	и	. #	n	
trans-1,3-Dichloropropene	ND ND	0.500		n	,,	n		11	
Di-isopropyl ether	ND ND	3.00	11	n	11		. 11	#	
Ethyl tert-butyl ether	ND ND	3.00	ıı		. "	11	"	u	
Ethylbenzene	ND	0.500	ir	н	"	n	" , '	"	
			"	 H			 II	" II	
Hexachlorobutadiene	ND ND	0.500		 H	" "		"	"	•
Isopropylbenzene	ND	0.500			. 11	,,	"	" H	
p-Isopropyltoluene	ND	0.500	•	"	"	"		"	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #4 (0605379-03) Water	Sampled: 05/18/06 12:45	Received:	05/18/06 14	:00					
Methylene chloride	ND	0.500	μg/L	1	B6E2601	05/25/06	05/25/06	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	н		II	11	n	tt .	
Methyl tert-butyl ether	ND	3.00	u	и .	H	11		и	
Naphthalene	ND	0.500	n .	II .	n	"	It	II	
n-Propylbenzene	ND	0.500	"	п	"	II .	ıı .	n .	•
Styrene	ND	0.500	. "	11	tt .	H .	н	n	
Tert-amyl methyl ether	ND	3.00	n	**	II .	н	n	n	
Tert-butyl alcohol	ND	2.00	n	**	n	Ħ	u	**	
1,1,1,2-Tetrachloroethane	ND	0.500	н	"	'n	н	n n		
1,1,2,2-Tetrachloroethane	· ND	0.500	11	n	11	11	11	<b>II</b>	
Tetrachloroethene	ND	0.500	11		**	u		n .	•
Toluene	ND	0.500	ų .		**	н	"	**	
1,2,3-Trichlorobenzene	ND	0.500	u	n	u ·	n	17	tt.	
1,2,4-Trichlorobenzene	ND	0.500	II	н	н	11	II .	11	
1,1,1-Trichloroethane	ND	0.500	n	16	u	#	"	н	•
1,1,2-Trichloroethane	ND	0.500	II.	o	н	H	н	. #	
Trichloroethene	ND ·	0.500	*	н	18	н	"	tt.	
Trichlorofluoromethane	ND	5.00	ır	н	tt.	. 11	17	II .	
1,1,2-Trichlorotrifluoroethane	ND	10.0		н	11	н	It	н	
1,2,3-Trichloropropane	ND	0.500	n .	н	II	"	11	· # .	
1,2,4-Trimethylbenzene	ND	0.500	и ,	19	n	11 :	Ħ	11	
1,3,5-Trimethylbenzene	ND	0.500	u	37	11	, II		п	
Vinyl chloride	ND	0.500	II .	18	Ħ	n	11	, н	
m,p-Xylene	ND	0.500	"		11	. "		it.	
o-Xylene	· ND	0.500	Ħ	II	It	u,	"	11	
Surrogate: Dibromofluorometha	ine ·	107%	86-118	}	n	"	"	"	
Surrogate: Toluene-d8		98.6 %	88-110	)	"	"	"	n	
Surrogate: 4-Bromofluorobenze	ne	102 %	86-115		"	"	"	n .	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

# Volatile Organic Compounds by EPA Method 524.2

# Sierra Analytical Labs, Inc.

		D	laryticar						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received:	05/18/06	14:00					
Benzene	ND	0.500	μg/L	1	B6E2601	05/25/06	05/25/06	EPA 524.2	
Bromobenzene	ND	0.500	II	19	11	II	11	H .	
Bromochloromethane	ND	0.500	ш	11	#	ш	11	IF	
Bromodichloromethane	, ND	0.500	н	. "	н	n .	11	II	
Bromoform	ND	0.500	u	11	п	II .	u	11	
Bromomethane	ND	0.500	U	II .	н	II .	a	11	
Methyl ethyl ketone	ND	5.00	II .	п	n	II .	11	#1	
n-Butylbenzene	ND	0.500	II	"	n	u	11	. 11	
sec-Butylbenzene	ND	0.500	ш.	11	н	ıı	11	17	
tert-Butylbenzene	ND ND	0.500	11	ıı	H	II .	II .	u	
Carbon tetrachloride	ND	0.500		. "	n	n	"	H	
Chlorobenzene	ND	0.500	n	u	rr rr	H	**	н	
Chloroethane	ND	0.500	ıı	н :	. "	"	Ħ	п	
2-Chloroethylvinyl ether	ND	1.00	II .	н		11	u	u	
Chloroform	ND	0.500	"	"		11	11	. 11	,
Chloromethane	ND	0.500	"	"	H	11	n .	Ħ	
2-Chlorotoluene	ND	0.500	H .	"	II.	IF	u	n	
4-Chlorotoluene	ND	0.500	it.	n	11	ш	и	II.	
Dibromochloromethane	ND	0.500	н	19	11	ır	II .	II.	
Dibromomethane	ND	0.500	. "	**	"	п	."	11	
1.2-Dichlorobenzene	ND	0.500	и .	**	11		H	и .	
1,3-Dichlorobenzene	ND	0.500	n	19	ft	ш	**	. #	
1,4-Dichlorobenzene	ND	0.500	*	"	"	n	**	"	
Dichlorodifluoromethane	ND	0.500	۳,		11	н	"		
1,1-Dichloroethane	ND	0.500	I†	0	"	11	u	"	
1.2-Dichloroethane	ND	0.500	11		u	11		n	
1,1-Dichloroethene	ND	0.500	11	ш		19	Ħ	11	
cis-1,2-Dichloroethene	ND ·	0.500	11	• п	It	II .	' n	19	
trans-1,2-Dichloroethene	ND	0.500	11	н	11	11	11	17	
1,2-Dichloropropane	ND	0.500	и	н .	It	, it	11	111	
1,3-Dichloropropane	ND	0.500	11	11	11		11	IF	
2,2-Dichloropropane	ND	0.500	11	n	11	ır	II .	н	
1,1-Dichloropropene	ND	0.500	11	н	н	11	II .	11	
cis-1,3-Dichloropropene	ND ·	0.500	ıı	Ħ	11	n n	Ħ	11	
trans-1,3-Dichloropropene	ND	0.500	11	Ħ	н	н	н .		
Di-isopropyl ether	ND	3.00	II .	11	11	n	. "	н .	
Ethyl tert-butyl ether	ND	3.00	u	11	11	n	и		
Ethylbenzene	ND	0.500	11	n	11	н	11	н	
Hexachlorobutadiene	ND	0.500	11	**	11	. 11	п	11	
Isopropylbenzene	ND	0.500	II .	"	11	н	11	11	
p-Isopropyltoluene	ND	0.500	11	11	•		11		
h-rachtohattotractic	ND	0.500							



Project: NA

32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #2 (0605379-05) Water	Sampled: 05/18/06 12:50	Received:	05/18/06 1	4:00					<u>.</u>
Methylene chloride	ND	0.500	μg/L	ī	B6E2601	05/25/06	05/25/06	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	н	н	н .	11	u	II .	
Methyl tert-butyl ether	ND	3.00	**	"	.,	"	н	н	
Naphthalene	ND	0.500	11	**	u	"	н	**	
n-Propylbenzene	ND	0.500	11	"	,n	II .	- 10	It	
Styrene	ND	0.500	u .	п	n	11	II .	II	
Tert-amyl methyl ether	ND	3.00	n	u	ti	n .		н	
Tert-butyl alcohol	ND	2.00	н .	н	. #	n	n .	, <b>n</b>	
1,1,1,2-Tetrachloroethane	ND	0.500	и '	1f	II .	n	и .	n .	
1,1,2,2-Tetrachloroethane	ND	0.500	11	II	Ħ	tr.		н	
Tetrachloroethene	ND	0.500	u	н	11	H			
Toluene	ND	0.500		н	ır	н	t <del>r</del>	u	
1,2,3-Trichlorobenzene	. ND	0.500	н ′	11	II .	* .	n	H	
1,2,4-Trichlorobenzene	ND	0.500	п	u	н	II .	. "	10	
1,1,1-Trichloroethane	ND	0.500	н		u	II .			
1,1,2-Trichloroethane	ND	0.500	II .	11		n	**	. "	
Trichloroethene	ND	0.500	n	- 11	II .	"	II.	н .	
Trichlorofluoromethane	ND	5.00	11.	u	. 'n	II .	n	· m	
1,1,2-Trichlorotrifluoroethane	ND	10.0		11	Ħ	"	11	n .	
1,2,3-Trichloropropane	ND	0.500	8	Ħ	ii,	11	, "	<b>"</b>	
1,2,4-Trimethylbenzene	ND	0.500	H	**	ii	11	tr	e e	
1,3,5-Trimethylbenzene	ND ·	0.500		a		n	11	tt	
Vinyl chloride	ND	0.500	u .	н	m ,	n	u	· <b>"</b>	,
m,p-Xylene	ND	0.500	н	n		11	**	n ,	
o-Xylene	ND	0.500	n			II	Ħ	п	,
Surrogate: Dibromofluorometha	ne	110 %	86-11	18	"	"	"	. "	
Surrogate: Toluene-d8		99.0 %	88-11	-	"	"	"	. "	•
Surrogate: 4-Bromofluorobenzer	пе	103 %	86-11		"	· n	n	n	



ECO Resources Inc. 32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# Metals by EPA 200 Series Methods - Quality Control

# Sierra Analytical Labs, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B6E2211 - EPA 200 Series						,				
Blank (B6E2211-BLK1)				Prepared:	05/22/06	Analyzed	1: 05/23/06			
Calcium	ND	0.53	mg/L							
Magnesium	ND	0.41	u u							
Potassium	ND	0.90	II .							
Sodium	ND	0.71	11							•
LCS (B6E2211-BS1)				Prepared:	: 05/22/06	Analyzed	i: 05/23/06			
Calcium	10.6	0.53	mg/L	10.2		104	80-120			
Magnesium	10.6	0.41	11	10.2		104	80-120			
Potassium	11.3	0.90	It	10.2		111	80-120			
Sodium	10.4	0.71	II	10.2	•	102	80-120			
Matrix Spike (B6E2211-MS1)	Sot	ırce: 060538	3-01	Prepared:	05/22/06	Analyzed	1: 05/23/06	•		
Calcium	234	0.53	mg/L	10.2	230	39.2	70-130			QM-07
Magnesium	66.8	0.41	IF	10.2	59	76.5	70-130		•	
Potassium	15.5	0.90	u	10.2	4.7	106	70-130			
Sodium	208	0.71		10.2	210	NR	70-130			QM-07
Matrix Spike Dup (B6E2211-MSD1)	Soi	ırce: 060538	3-01	Prepared:	05/22/06	Analyzed	l: 05/23/06			
Calcium	228	0.53	mg/L	10.2	230	NR	70-130	2.60	20	QM-07
Magnesium	66.3	0.41	"	10.2	59	71.6	70-130	0.751	20	
Potassium	15.5	0.90	**	10.2	4.7	106	70-130	0.00	20	*
Sodium .	208	0.71	u	10.2	210	NR	70-130	0.00	20	QM-07
Batch B6E2212 - EPA 200 Series				•						
Blank (B6E2212-BLK1)				Prepared	& Analyz	ed: 05/22/	06			-
Arsenic	ND	2.0	μg/L							
Copper	ND	10	u							
Iron	ND	0.040	mg/L							
Manganese	ND	4.0	μg/L							
Silver	ND	10	"							
Zinc	ND	20								



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6E2212 - EPA 200 Series										
LCS (B6E2212-BS1)				Prepared	& Analyze	ed: 05/22/	06			
Arsenic	96.2	2.0	μg/L	100		96.2	85-115			~
Copper	95.2	10	lt.	100		95.2	85-115	•		
Iron	0.933	0.040	mg/L	1.00		93.3	85-115			
Manganese	98.8	4.0	μg/L	100		98.8	85-117			
Silver	127	10		100		127	85-115			QM-NI
Zinc	96.4	20	11	100		96.4	85-115			
Matrix Spike (B6E2212-MS1)	Sou	ırce: 060537	9-01	Prepared	& Analyze	ed: 05/22/	06			
Arsenic	101	2.0	μg/L	100	1.4	99.6	70-130			
Copper	91.3	10	Ħ	100	2.2	89.1	70-130			
Iron	1.09	0.040	mg/L	1.00	0.45	64.0	70-130	·.		QM-07
Manganese	237	4.0	μg/L	100	190	47.0	70-130			QM-07
Silver	125	10	17	100	ND	125	70-130			
Zinc	92.6	20		100	ND	92.6	70-130			
Matrix Spike Dup (B6E2212-MSD1)	Sou	ırce: 060537	9-01	Prepared	& Analyze	ed: 05/22/	06			
Arsenic	103	2.0	μg/L	100	1.4	102	70-130	1.96	20	
Copper ·	94.7	10	II .	100	2.2	92.5	70-130	3.66	20	
Iron	1.11	0.040	mg/L	1.00	0.45	66.0	70-130	1.82	20	QM-07
Manganese	249	4.0	μg/L	100	190	59.0	70-130	4.94	20	QM-07
Silver	127	10	11	100	ND	127	70-130	1.59	20	•
Zinc	94.3	20	"	100	ND	94.3	70-130	1.82	20	



ECO Resources Inc. 32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# 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
Batch B6F0128 - EPA 500 Series										
Blank (B6F0128-BLK1)				Prepared	& Analyze	ed: 05/30/	06			
1,2-Dibromoethane (EDB)	ND	0.0200	μg/L							
Dibromochloropropane	ND	0.0100	н							
LCS (B6F0128-BS1)				Prepared	& Analyze	ed: 05/30/	06			
1,2-Dibromoethane (EDB)	0.0216	0.0200	μg/L	0.0200		108	70-110			
Dibromochloropropane	0.0207	0.0100	. 11	0.0200		104	70-110			
LCS (B6F0128-BS2)				Prepared	& Analyze	ed: 05/30/	06		r	
1,2-Dibromoethane (EDB)	0,0196	0.0200	μg/L	0.0200		98.0	70-110			
Dibromochloropropane	0.0202	0.0100	H	0.0200	•	101	70-110			
LCS Dup (B6F0128-BSD1)				Prepared of	& Analyze	ed: 05/30/	06			
1,2-Dibromoethane (EDB)	0.0214	0.0200	μg/L	0.0200		107	70-110	0.930	30	
Dibromochloropropane	0.0194	0.0100	11	0.0200		97.0	70-110	6.48	30	
Duplicate (B6F0128-DUP1)	Soi	ırce: 060 <b>5</b> 37	9-02	Prepared of	& Analyze	ed: 05/30/	06			
1,2-Dibromoethane (EDB)	ND	0.0200	μg/L		ND				30	
Dibromochloropropane	ND	0.0100	10		ND				30	



Dieldrin

32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported:

06/05/06 15:34

RPD

%REC

80-120

92.0

# Chlorinated Pesticides and PCBs by EPA Method 505 - Quality Control

# Sierra Analytical Labs, Inc.

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B6E2218 - EPA 500 Series		· · · · · · · · · · · · · · · · · · ·								
Blank (B6E2218-BLK1)				Prepared	& Analyzo	ed: 05/22/	06			
Alachlor	ND	1.00	μg/L							
Aldrin	ND	0.0750	11							
Atrazine	ND	0.500	ır							
Chlordane	ND	0.100	п							
Chlordane-alpha	ND	0.200	п							
Chlordane-gamma	ND	0.200	н							
Dieldrin	ND	0.0200 .	н							
Endrin	ND	0.100	н							
Heptachlor	ND	0.0100	**							
Heptachlor epoxide	ND	0.0100	17							
Hexachlorobenzene	ND	0.500	11							
Hexachlorocyclopentadiene	ND	1.00	ır							
gamma-BHC (Lindane)	ND	0.200	It							
Methoxychlor	ND	10.0	ш							
cis-Nonachlor	ND	0.0200	II							•
trans-Nonachlor	ND	0.0200	u							
Simazine	ND	1.00	н							
Toxaphene	ND -	1.00	**							
PCB-1016	ND	0.500	"				,			
PCB-1221	ND	0.500	"					•		
PCB-1232	ND	0.500	и .							
PCB-1242	ND	0.500	11		*					
PCB-1248	ND	0.500	11							
PCB-1254	ND	0.500	**							
PCB-1260	ND	0.500	"		•					
Surrogate: 4,4'-Dibromobiphenyl	2.23		"	2.00		112	35-150			
LCS (B6E2218-BS1)				Prepared of	& Analyze	d: 05/22/	06			
Aldrin	2.24	0.0750	μg/L	2.00		112	80-120			

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.

0.0200

1.84

2.00



ECO Resources Inc. 32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# Chlorinated Pesticides and PCBs by EPA Method 505 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6E2218 - EPA 500 Series										
LCS (B6E2218-BS2)				Prepared	& Analyz	ed: 05/22/	06			
Aldrin	2.26	0.0750	μg/L	2.00		113	80-120			
Dieldrin	1.83	0.0200	#	2.00		91.5	80-120			
LCS Dup (B6E2218-BSD2)				Prepared	& Analyz	ed: 05/22/	06			
Aldrin	2.10	0.0750	μg/L	2.00		105	80-120	7.34	30	
Dieldrin	1.76	0.0200	19	2.00		88.0	80-120	3.90	30	
Duplicate (B6E2218-DUP1)	Sor	urce: 060537	9-05	Prepared	& Analyzo	ed: 05/22/	06			
Aldrin	ND	0.0750	μg/L		ND				30	
Dieldrin	ND	0.0200	п		ND				30	
Endrin	ND .	0.100	п		ND				30	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

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
Batch B6E2426 - EPA 3510C Sep Fu	nnel									
Blank (B6E2426-BLK1)				Prepared &	& Analyze	ed: 05/23/	06			
2,4,5-T	ND	0.200	μg/L							
2,4,5-TP (Silvex)	ND	1.00	ıı							
2,4-D	ND	10.0	n							
2,4-DB	ND	0.200	**							
3,5-Dichlorobenzoic acid	ND	0.200	**							
Acifluorfen	ND	0.200	n							
Bentazon	ND	2.00	n		·		,			
Dalapon	ND	0.200	17							
Dacthal Acid Metabolites	ND	0.200	11							
Dicamba	ND	1.50	n							
Dichlorprop	, ND	0.200	11							
Dinoseb	ND	2.00				٠.				
Pentachlorophenol	ND	0.200								
Picloram	ND	1.00	u							
Surrogate: 2,4-Dichlorophenylacetic Acid	8.31	,	"	10.0		83.1	35-150			
LCS (B6E2426-BS1)				Prepared &	& Analyze	ed: 05/23/	06			
2,4,5-T	1.80	0.200	μg/L	1.60		112	62-170			
2,4,5-TP (Silvex)	1.81	1.00		1.60		113	69-123			
2,4-D	2.06	10.0	"	1.60		129	58-134			
Dinoseb	1.39	2.00	н	1.60	,	86.9	21-153			
Duplicate (B6E2426-DUP1)	Sou Sou	rce: 060537	9-01	Prepared:	05/23/06	Analyzed	1: 05/24/06			
2,4,5-T	ND	0.200	μg/L		ND				30	
2,4,5-TP (Silvex)	ND	1.00	tt		ND		•		30	
2,4-D	ND	10.0	18		ND				30	*
Dinoseb	ND	2.00	· a		ND				30	



ECO Resources Inc. 32470 Paseo Adelanto Project: NA

Project Number: Quarterly

Reported:

San Juan Capistrano CA, 92675

Project Manager: Pierre Dreher 06/05/06 15:34

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

Result	Reporting Limit	Units	Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sou	rce: 0605379	9-01	Prepared:	05/23/06	Analyzed	: 05/24/06			
1.90	0.200	μg/L	1.60	ND	119	62-170			
1.95	1.00	u	1.60	ND	122	69-123			
1.30	10.0	IF	1.60	ND	81.2	58-134			
3.44	2.00	11	1.60	ND	215	21-153			QM-07
Sou	rce: 060537	9-01	Prepared:	05/23/06	Analyzed	: 05/24/06			
1.89	0.200	μg/L	1.60	ND	118	62-170	0.528	30	
1.90	1.00	11	1.60	ND	119	69-123	2.60	30	
1.27	. 10.0	17	1.60	ND	79.4	58-134	2.33	30	
3.38	2.00		1.60	ND	211	21-153	1.76	30	QM-07
	1.90 1.95 1.30 3.44 Sou 1.89 1.90 1.27	Source:         0605375           1.90         0.200           1.95         1.00           1.30         10.0           3.44         2.00           Source:         0605375           1.89         0.200           1.90         1.00           1.27         -10.0	Source:         0605379-01           1.90         0.200         μg/L           1.95         1.00         "           1.30         10.0         "           3.44         2.00         "           Source:         0605379-01           1.89         0.200         μg/L           1.90         1.00         "           1.27         -10.0         "	Result         Limit         Units         Level           Source: 0605379-01         Prepared:           1.90         0.200         μg/L         1.60           1.95         1.00         "         1.60           1.30         10.0         "         1.60           3.44         2.00         "         1.60           Source: 0605379-01         Prepared:           1.89         0.200         μg/L         1.60           1.90         1.00         "         1.60           1.27         .10.0         "         1.60	Result         Limit         Units         Level         Result           Source: 0605379-01         Prepared: 05/23/06           1.90         0.200         μg/L         1.60         ND           1.95         1.00         "         1.60         ND           1.30         10.0         "         1.60         ND           3.44         2.00         "         1.60         ND           Source: 0605379-01         Prepared: 05/23/06           1.89         0.200         μg/L         1.60         ND           1.90         1.00         "         1.60         ND           1.27         10.0         "         1.60         ND	Source: 0605379-01         Prepared: 05/23/06         Analyzed           1.90         0.200         μg/L         1.60         ND         119           1.95         1.00         "         1.60         ND         81.2           3.44         2.00         "         1.60         ND         215           Source: 0605379-01         Prepared: 05/23/06         Analyzed           1.89         0.200         μg/L         1.60         ND         118           1.90         1.00         "         1.60         ND         119           1.27         10.0         "         1.60         ND         79.4	Result         Limit         Units         Level         Result         %REC         Limits           Source: 0605379-01         Prepared: 05/23/06         Analyzed: 05/24/06           1.90         0.200         μg/L         1.60         ND         119         62-170           1.95         1.00         "         1.60         ND         122         69-123           1.30         10.0         "         1.60         ND         81.2         58-134           3.44         2.00         "         1.60         ND         215         21-153           Source: 0605379-01         Prepared: 05/23/06         Analyzed: 05/24/06           1.89         0.200         μg/L         1.60         ND         118         62-170           1.90         1.00         "         1.60         ND         119         69-123           1.27         10.0         "         1.60         ND         79.4         58-134	Result         Limit         Units         Level         Result         %REC         Limits         RPD           Source: 0605379-01         Prepared: 05/23/06         Analyzed: 05/24/06           1.90         0.200         μg/L         1.60         ND         119         62-170           1.95         1.00         "         1.60         ND         122         69-123           1.30         10.0         "         1.60         ND         81.2         58-134           3.44         2.00         "         1.60         ND         215         21-153           Source: 0605379-01         Prepared: 05/23/06         Analyzed: 05/24/06           1.89         0.200         μg/L         1.60         ND         118         62-170         0.528           1.90         1.00         "         1.60         ND         119         69-123         2.60           1.27         10.0         "         1.60         ND         79.4         58-134         2.33	Result         Limit         Units         Level         Result         %REC         Limits         RPD         Limit           Source: 0605379-01         Prepared: 05/23/06         Analyzed: 05/24/06           1.90         0.200         μg/L         1.60         ND         119         62-170           1.95         1.00         "         1.60         ND         122         69-123           1.30         10.0         "         1.60         ND         81.2         58-134           3.44         2.00         "         1.60         ND         215         21-153           Source: 0605379-01         Prepared: 05/23/06         Analyzed: 05/24/06           1.89         0.200         μg/L         1.60         ND         118         62-170         0.528         30           1.90         1.00         "         1.60         ND         119         69-123         2.60         30           1.27         10.0         "         1.60         ND         79.4         58-134         2.33         30



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Quarterly

Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

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

# Sierra Analytical Labs, Inc.

Andre	Result	Reporting	Units	Spike Level	Source Result	%REC	%REC	nnn	RPD	Mater
Analyte	Kesuit	Limit	Units	Level	Kesuit	70KEC	Limits	RPD	Limit	Notes
Batch B6E2601 - EPA 500 Series						· · · · · · · · · · · · · · · · · · ·				
Blank (B6E2601-BLK1)				Prepared &	& Analyze	d: 05/25/0	16			
Benzene	ND	0.500	μg/L							
Bromobenzene	. ND	0.500							• -	
Bromochloromethane	ND	0.500	п							
Bromodichloromethane	ND	0.500								
Bromoform	ND	0.500	11							
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	11							
Chloroform	ND	0.500	н							•
Chloromethane	ND	0.500	"							
2-Chlorotoluene	ND	0.500		*						
4-Chlorotoluene	ND ·	0.500	11							
Dibromochloromethane	ND	0.500	It							
Dibromomethane	ND	0.500	11							
1,2-Dichlorobenzene	ND	0.500	н			•				
1,3-Dichlorobenzene	ND	0.500								,
1,4-Dichlorobenzene	ND	0.500	n							
Dichlorodifluoromethane	ND	0.500	11							
1,1-Dichloroethane	ND	0.500	Ħ							
1,2-Dichloroethane	ND	0.500								
1,1-Dichloroethene	ND	0.500	It	•						
cis-1,2-Dichloroethene	ND	0.500								
trans-1,2-Dichloroethene	ND	0.500	11						•	
1,2-Dichloropropane	ND	0.500	. "							
1,3-Dichloropropane	ND	0.500	17							
2,2-Dichloropropane	ND ·	0.500	11							
1,I-Dichloropropene	ND	0.500	11						•	
cis-1,3-Dichloropropene	ND	0.500	n							
trans-1,3-Dichloropropene	. ND	0.500	11							
Di-isopropyl ether	ND	3.00	11							
Ethyl tert-butyl ether	ND	3.00	**							



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

# Volatile Organic Compounds by EPA Method 524.2 - Quality Control

# Sierra Analytical Labs, Inc.

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

Blank (B6E2601-BLK1)				Prepared a	& Analyzed: 05/25	5/06	
Ethylbenzene	ND	0.500	μg/L				
Hexachlorobutadiene	ND	0.500	"				• *
Isopropylbenzene	ND	0.500	· · ·				
p-Isopropyltoluene	ND	0.500	n ·				
Methylene chloride	ND	0.500	n			•	
Methyl isobutyl ketone	ND	5.00	17				•
Methyl tert-butyl ether	ND	3.00	11				
Naphthalene	ND	0.500	II				*
n-Propylbenzene	ND	0.500	н .				
Styrene	ND .	0.500	17				
Tert-amyl methyl ether	ND	3.00	LP				
Tert-butyl alcohol	ND	2.00	11				
1,1,1,2-Tetrachloroethane	. ND	0.500	"		•		
1,1,2,2-Tetrachloroethane	. ND	0.500	11				
Tetrachloroethene	ND	0.500	17				
Toluene .	ND	0.500	II				
1,2,3-Trichlorobenzene	ND	0.500	н				
1,2,4-Trichlorobenzene	ND	0.500	n				
1,1,1-Trichloroethane	ND '	0.500	. "				
1,1,2-Trichloroethane	ND	0.500	ur				
Trichloroethene	ND	0.500	н				
Trichlorofluoromethane	ND	5.00	' H				
1,1,2-Trichlorotrifluoroethane	ND	10.0	tt.				•
1,2,3-Trichloropropane	ND	0.500	It				
1,2,4-Trimethylbenzene	ND	0.500	Ħ			•	
1,3,5-Trimethylbenzene	·ND	0.500	n .				
Vinyl chloride	ND	0.500					
m,p-Xylene	ND	0.500	п				
o-Xylene	ND	0.500	n				
Surrogate: Dibromofluoromethane	. 49.7		"	50.0	99.4	86-118	
Surrogate: Toluene-d8	49.0		n	50.0	98.0	88-110	
Surrogate: 4-Bromofluorobenzene	51.1		"	50.0	102	86-115	

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



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

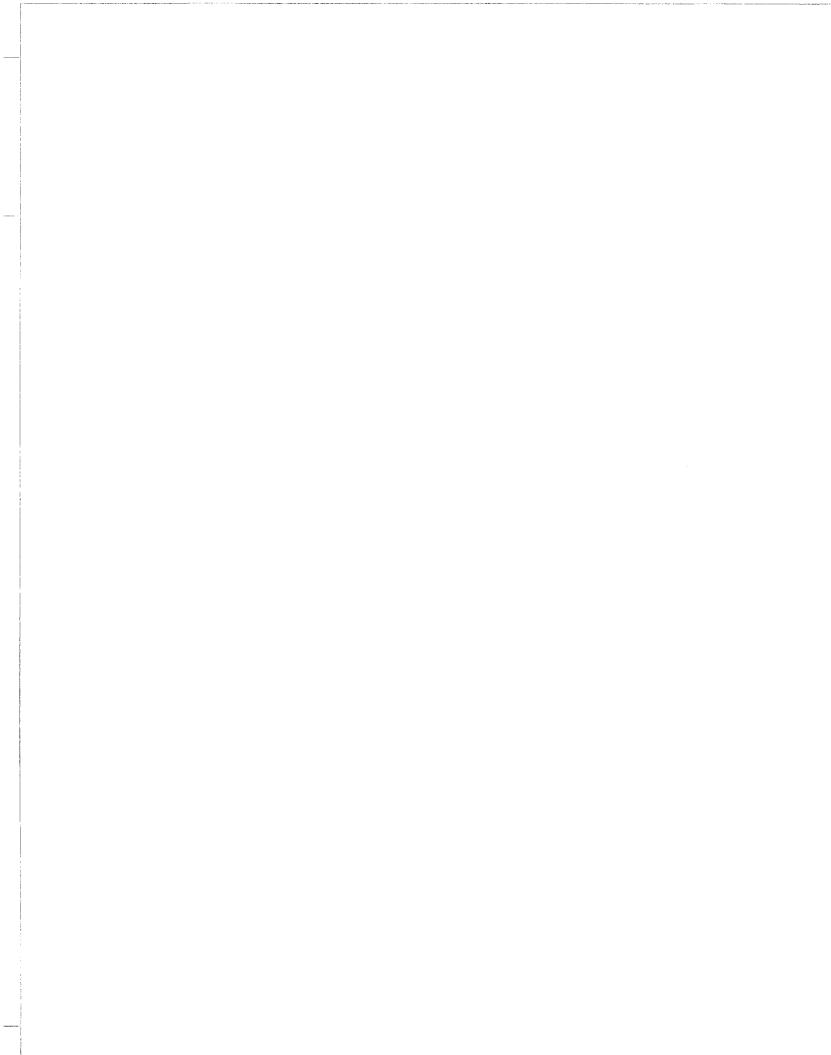
Project: NA
Project Number: Quarterly
Project Manager: Pierre Dreher

Reported: 06/05/06 15:34

#### 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
Batch B6E2601 - EPA 500 Series										
LCS (B6E2601-BS1) .				Prepared	& Analyze	ed: 05/25/	06			
Benzene	20.8	0.500	μg/L	25.0		83.2	80-120			
Chlorobenzene	25.7	0.500	н	25.0		103	80-120			
1,1-Dichloroethene	20.0	0.500	۳.	25.0		80.0	80-120			
Toluene	22.5	0.500	It	25.0		90.0	80-120			
Trichloroethene	25.2	0.500	11	25.0		: 101	80-120			
Duplicate (B6E2601-DUP1)	Sou	rce: 0605451	1-01	Prepared	& Analyze	ed: 05/25/	06			
Benzene	ND	0.500	μg/L		ND				30	
Chlorobenzene	ND	0.500	н		ND				30	
1,1-Dichloroethene	ND	0.500	R .		ND				30	
Toluene	ND	0.500	н		ND				30	
Trichloroethene	ND	0.500	"		ND				30	·
Matrix Spike (B6E2601-MS1)	Sou	rce: 0605379	9-05	Prepared	& Analyze	d: 05/25/	06			
Benzene	20.7	0.500	μg/L	25.0	ND	82.8	37-151			
Chlorobenzene	25.1	0.500	"	25.0	ND	100	37-160			
1,1-Dichloroethene	19.0	0.500	н	25.0	ND	76.0	50-150			
Toluene	21.7	0.500	10	25.0	ND	86.8	47-150			
Trichloroethene	24.0	0.500	н	25.0	ND	96.0	71-157			
Matrix Spike Dup (B6E2601-MSD1)	Sou	rce: 0605379	<b>)-05</b>	Prepared:	05/25/06	Analyzed	l: 05/26/06			
Benzene	20.0	0.500	μg/L	25.0	ND	80.0	37-151	3.44	30	
Chlorobenzene	23.4	0.500	IF	25.0	ND	93.6	37-160	7.01	30	
1,1-Dichloroethene	18.1	0.500	H,	25.0	ND	72.4	50-150	4.85	30	
Toluene	21.0	0.500	It	25.0	ND	84.0	47-1 <i>5</i> 0 ·	3.28	30	
Trichloroethene	23.5	0:500	. **	25.0	ND	94.0	71-157	2.11	30	





Capistrano Valley Water District

32450 Paseo Adelanto

Project: NA

Project Number: [none]

Reported: 04/26/07 14:09

San Juan Capistrano CA, 92675

Project Manager: Glenn Garrett

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	
Well Dance Hall	0704401-01	Water	04/23/07 09:00	04/23/07 15:40	
Well Kinoshita	0704401-02	Water	04/23/07 09:30	04/23/07 15:40	
Well SJBA 2	0704401-03	Water	04/23/07 11:00	04/23/07 15:40	

#### **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.



Capistrano Valley Water District 32450 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: [none]

Project Manager: Glenn Garrett

Reported: 04/26/07 14:09

# Fuel Oxygenates by EPA 8260B

Sierra Amary treat Lauss, Inc.											
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note		
Well Dance Hall (0704401-01) Water	Sampled: 04/23/	07 09:00 R	eceived: 04	/23/07 1	5:40		-				
Methyl tert-butyl ether	ND	1.0	μg/L	- 1	B7D2475	04/24/07	04/25/07	EPA 8260B,			
Surrogate: Dibromofluoromethane		117%	86-11	8	"	. "	"	"			
Surrogate: Toluene-d8		98.6 %	88-11	0	"	· n	"	u			
Surrogate: 4-Bromofluorobenzene		97.8 %	86-11	5	n	"	"	"			
Well Kinoshita (0704401-02) Water	Sampled: 04/23/07	7 09:30 Red	eived: 04/2	3/07 15:	:40						
Methyl tert-butyl ether	4.0	1.0	μg/L	1	B7D2475	04/24/07	04/25/07	EPA 8260B			
Surrogate: Dibromofluoromethane		118%	86-11	8	"	"	, "	"			
Surrogate: Toluene-d8		96.4 %	88-11	0	"	"	"	<i>n</i> .			
Surrogate: 4-Bromofluorobenzene		103 %	86-11	5	. "	"	"	n			
Well SJBA 2 (0704401-03) Water S	sampled: 04/23/07 1	1:00 Receiv	ved: 04/23/	07 15:40	)						
Methyl tert-butyl ether	ND	1.0	μg/L	1	B7D2475	04/24/07	04/25/07	EPA 8260B	•		
Surrogate: Dibromofluoromethane		118%	86-11	8	"	"	п	"			
Surrogate: Toluene-d8		98.2 %	88-11	0	<b>"</b> ,	. "	"	"			
Surrogate: 4-Bromofluorobenzene		98.4 %	86-11	5	n	. "	"	"			



Capistrano Valley Water District 32450 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: [none]

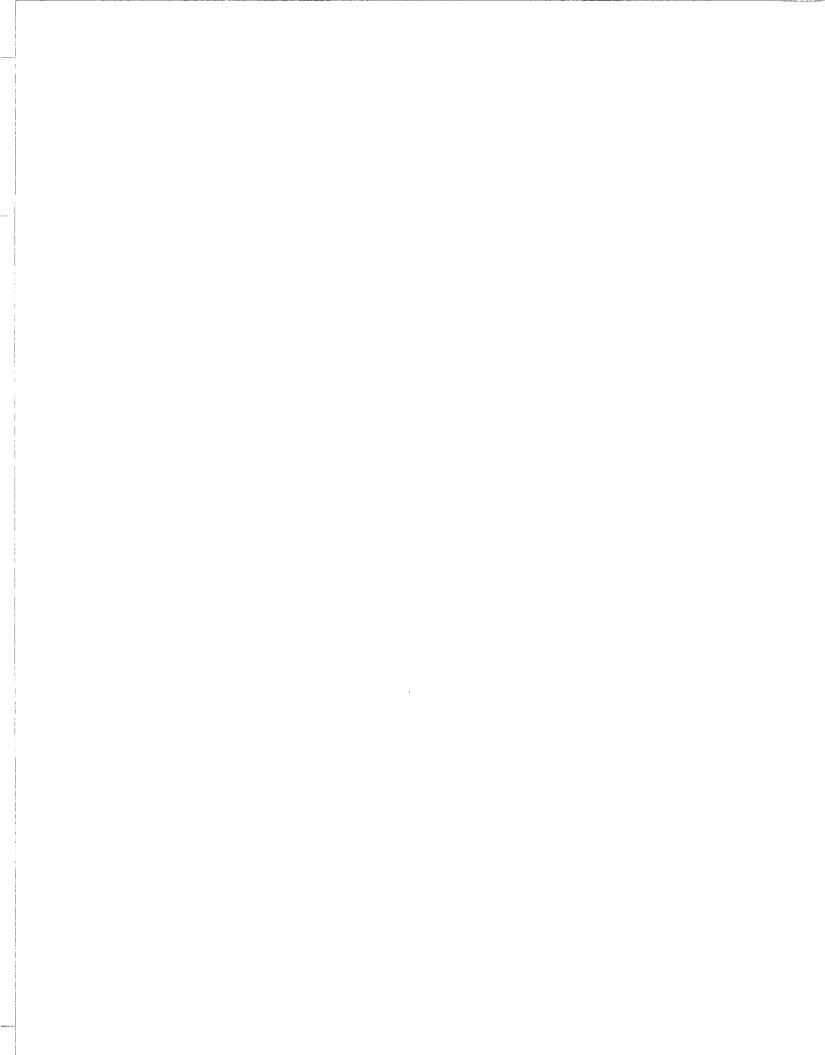
Project Manager: Glenn Garrett

Reported:

04/26/07 14:09

# Fuel Oxygenates by EPA 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7D2475 - EPA 5030B P & T										
Blank (B7D2475-BLK1)				Prepared	& Analyzo	ed: 04/24/	07			
Methyl tert-butyl ether	ND	1.0	μg/L							
Surrogate: Dibromofluoromethane	53.2		"	50.0		106	86-118			
Surrogate: Toluene-d8	47.5		"	50.0		95.0	88-110			
Surrogate: 4-Bromofluorobenzene	50.1		n	50.0		100	86-115			
LCS (B7D2475-BS1)				Prepared	& Analyze	ed: 04/24/	07			
Methyl tert-butyl ether	40.2	1.0	μg/L	50.0		80.4	80-120			
Matrix Spike (B7D2475-MS1)	Sou	rce: 070441	1-01	Prepared:	04/24/07	Analyzed	: 04/25/07		÷	
Methyl tert-butyl ether	36.1	1.0	μg/L	50.0	ND	72.2	37-160			
Matrix Spike Dup (B7D2475-MSD1)	Sou	rce: 070441	1-01	Prepared:	04/24/07	Analyzed	: 04/25/07	*		
Methyl tert-butyl ether	35.0	1.0	μg/L	50.0	ND	70.0	37-160	3.09	30	





Capistrano Valley Water District

32450 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: NA

Project Manager: Glenn Garrett

Reported: 05/17/07 11:01

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	. Laboratory ID	Matrix	Date Sampled	Pate Received
Well Dance Hall	0705242-01	Water	05/10/07 11:10	05/10/07 16:15
Well Kinoshita	0705242-02	Water	05/10/07 11:35	05/10/07 16:15
Well SJBA 2	0705242-03	Water	05/10/07 11:50	05/10/07 16:15
Well Tirador	0705242-04	Water	05/10/07 12:50	05/10/07 16:15

## **CASE NARRATIVE**

SAMPLE RECEIPT:

Samples were received intact, at 4  $\,^{\circ}\text{C}$ , 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.



Capistrano Valley Water District

32450 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: NA

Project Manager: Glenn Garrett

Reported: 05/17/07 11:01

# Fuel Oxygenates by EPA 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well Dance Hall (0705242-01) Water	er Sampled: 05/10/	07 11:10 R	eceived: 05	/10/07 1	6:15				
Methyl tert-butyl ether	ND	1.0	μg/L	1	B7E1111	05/11/07	05/11/07	EPA 8260B	
Surrogate: Dibromofluoromethane		113%	86-11	8	"	,,,	"	"	
Surrogate: Toluene-d8		110%	88-11	0	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	•	101 %	86-11	5	"	"	n	. "	
Well Kinoshita (0705242-02) Water	Sampled: 05/10/0	7 11:35 Rec	eived: 05/1	0/07 16	:15				
Methyl tert-butyl ether	ND	1.0	μg/L	1	B7E1111	05/11/07	05/11/07	EPA 8260B	
Surrogate: Dibromofluoromethane		116%	86-11	8	"	"	, "	"	
Surrogate: Toluene-d8		109 %	88-11		"	"	"	н .	
Surrogate: 4-Bromofluorobenzene		99.2 %	86-11	5	"	"	<b>"</b>	"	
Well SJBA 2 (0705242-03) Water	Sampled: 05/10/07 1	1:50 Receiv	ved: 05/10/	07 16:15	5				
Methyl tert-butyl ether	ND	1.0	μg/L	1	B7E1111	05/11/07	05/11/07	EPA 8260B	
Surrogate: Dibromofluoromethane		115%	86-11	8	"	"	. "	"	
Surrogate: Toluene-d8		109 %	88-11	0	. "	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	86-11	5	"	"	"	"	
Well Tirador (0705242-04) Water	Sampled: 05/10/07 1	2:50 Recei	ved: 05/10/	07 16:1:	5				
Methyl tert-butyl ether	ND	1.0	μg/L	1	B7E1111	05/11/07	05/11/07	EPA 8260B	
Surrogate: Dibromofluoromethane		112%	86-11	8	"	"	n		
Surrogate: Toluene-d8		110 %	88-11	0	"	"	H	n	
Surrogate: 4-Bromofluorobenzene		99.4 %	86-11	5 .	"	"	11	. "	



Capistrano Valley Water District 32450 Paseo Adelanto

Project: NA

Project Number: NA

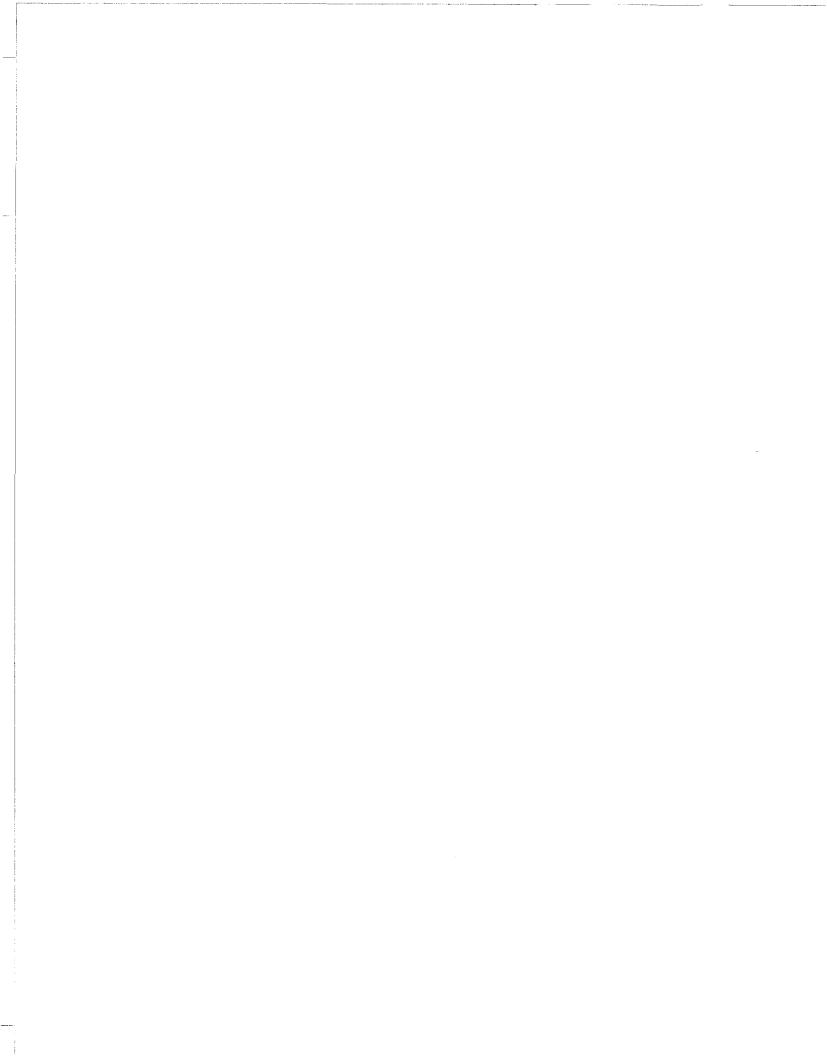
Reported: 05/17/07 11:01

San Juan Capistrano CA, 92675

Project Manager: Glenn Garrett

# Fuel Oxygenates by EPA 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	resuit	Limit	Oills	Pevel	1768III	, once c	Limits	KPD .	Lillit	140168
Batch B7E1111 - EPA 5030B P & T				<del></del>						
Blank (B7E1111-BLK1)				Prepared	& Analyze	ed: 05/11/	07		٠	
Methyl tert-butyl ether	ND	1.0	μg/L							
Surrogate: Dibromofluoromethane	56.7		, <b>n</b> .	50.0		113	86-118		,	
Surrogate: Toluene-d8	54.6		n	50.0		109	88-110			•
Surrogate: 4-Bromofluorobenzene	50.8		"	50.0		102	86-115			
LCS (B7E1111-BS1)				Prepared	& Analyze	ed: 05/11/	07			
Methyl tert-butyl ether	49.0	1.0	μg/L	50.0		98.0	80-120			
Matrix Spike (B7E1111-MS1)	· Sou	rce: 0705242	2-04	Prepared:	05/11/07	Analyzed	: 05/12/07			
Methyl tert-butyl ether	52.0	1.0	μg/L	50.0	ND	104	37-160			
Matrix Spike Dup (B7E1111-MSD1)	Sou	rce: 0705242	2-04	Prepared:	05/11/07	Analyzed	: 05/12/07			
Methyl tert-butyl ether	50.7	1.0	μg/L	50.0	ND	101	37-160	2.53	30	





Project: NA

32470 Paseo Adelanto

Project Number: NA

Reported:

San Juan Capistrano CA, 92675

Project Manager: Pierre Dreher

07/06/07 14:40

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Dance Hall	0706292-01	Water	06/14/07 10:12	06/14/07 11:00
SJBA 2	0706292-02	Water	06/14/07 10:30	06/14/07 11:00

# **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.



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: NA

Reported:

Project Manager: Pierre Dreher

07/06/07 14:40

# Volatile Organic Compounds by EPA Method 524.2

# Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Dance Hall (0706292-01) Water	Sampled: 06/14/07 10:12	Receiv	ed: 06/14/	07 11:00		· · · · · · · · · · · · · · · · · · ·			
Benzene	ND	0.500	μg/L	1	B7F2118	06/21/07	06/22/07	EPA 524.2	
Bromobenzene	ND	0.500	11	11	#	n	<b>#</b> .	II .	
Bromochloromethane	ND	0.500	II	Ħ	n n	n	H	. "	
Bromodichloromethane	ND	0.500	Ħ	"	"	11	n	. 11	
Bromoform	ND	0.500	11	11	11	u	n	**	
Bromomethane	ND	0.500	11	"	n	II .	**	11	
Methyl ethyl ketone	ND	5.00	11	"	n	n	87	u u	
n-Butylbenzene	ND	0.500		11	H	**	n n	11	
sec-Butylbenzene	ND	0.500	п	11	n	II	11	".	
tert-Butylbenzene	ND	0.500	"	**	**	II .	**	n	
Carbon tetrachloride	ND	0.500	"	Ħ	<b>"</b> ,	11	Ħ	H.	
Chlorobenzene	ND .		/. ",	н	11	n			
Chloroethane	ND	0.500		. "	**	11	"	. "	
2-Chloroethylvinyl ether	ND	1.00	, n	11	21	n .	,#	11	
Chloroform	ND	0.500	I†	**	u	n			
Chloromethane	ND	0.500	n	п	. 11	11	"	п.	
2-Chlorotoluene	ND	0.500	'n	n	n	"	11	n	
4-Chlorotoluene	ND	0.500	n	11	11	u	*11	11	•
Dibromochloromethane	ND	0.500	π	Ħ	11	,11		11	
Dibromomethane	ND	0.500	и .	ш	II	11	n	11	
1,2-Dichlorobenzene	ND	0.500	n	ti	n	n		н	
1,3-Dichlorobenzene	ND	0.500	п	. 11	,n	**	, #	n	
1,4-Dichlorobenzene	ND	0.500	11	**	11		#	Ħ	
Dichlorodifluoromethane	. ND	0.500	. #	, II		n	u	H	
1,1-Dichloroethane	ND	0.500	υ.	n	n .	**	ıı .	u ·	
1,2-Dichloroethane	ND	0.500			11	**	n	11	
1,1-Dichloroethene	ND	0.500	"	. "	**		. #	. 11	
cis-1,2-Dichloroethene	ND	0.500		"	Ħ		u	**	1
rans-1,2-Dichloroethene	ND ·	0.500		93	п	n		· n - /	
1,2-Dichloropropane	ND	0.500	n .	n	. 0	. #	**	п	
1,3-Dichloropropane	ND	0.500	17	II	11	11	. "	n	
2,2-Dichloropropane	ND	0.500		17	**	11		#	
1,1-Dichloropropene	ND	0.500		tt	11	п	n	н .	
eis-1,3-Dichloropropene	ND	0.500	n	н	u	11	11	n	
rans-1,3-Dichloropropene	ND	0.500	"	n		11	Ħ	n .	
Di-isopropyl ether	ND	3.00	**	n	n	**	n	n	
Ethyl tert-butyl ether	ND	3.00	11	11	**	Ħ	. и		
Ethylbenzene	· ND	0.500	и	#	. "	11	n	11	
Hexachlorobutadiene	ND ND	0.500	п	·		п	n	u	
sopropylbenzene	ND ND	0.500	11	U	u	11	11		
sopropytoenzene o-Isopropyltoluene	ND ND	0.500	11	"		"			



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: NA

Project Manager: Pierre Dreher

Reported:

07/06/07 14:40

# Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0706292-01) Water	Sampled: 06/14/07 10:12	Receive	ed: 06/14/0	7 11:00				<u></u>	•
Methylene chloride	ND	0.500	μg/L	1	B7F2118	06/21/07	06/22/07	EPA 524.2	
Methyl isobutyl ketone	ND	5.00	и	n	"	*	ø	"	
Methyl tert-butyl ether	ND	3.00	n	. 11	**		11	n ·	
Naphthalene	ND	0.500	н ,	11	**	U	17	11	
n-Propylbenzene	ND	0.500	11	н		n	17	11	
Styrene	ND	0.500	II .	II .	11	tt .	n		
Tert-amyl methyl ether	ND	3.00	D	n	11	**	ii .	u	
Tert-butyl alcohol	ND	2.00	" .	n	11	11	11	n .	
1,1,1,2-Tetrachloroethane	ND	0.500	Ħ	11	n	"	n .	и ·	
1,1,2,2-Tetrachloroethane	. ND	0.500	11	. 11	n .	II.	*	H	
Tetrachloroethene	ND	0.500		n	II .	.#	**	Ħ	
Toluene	ND	0.500	11	Ħ	n	Ħ		н	
1,2,3-Trichlorobenzene	ND	0.500	Ħ	н	Ħ	n ,		и .	
1,2,4-Trichlorobenzene	ND	0.500	н	н	n	u	. "	n	
1,1,1-Trichloroethane	ND	0.500	u	**	· n	"	rr	u	
1,1,2-Trichloroethane	ND	0.500	II .	**	· II	"	11	11	
Trichloroethene	ND	0.500	n		11	lt .	u	".	
Trichlorofluoromethane	ND	5.00	17	"	n			n	
1,1,2-Trichlorotrifluoroethane	ND	10.0	· н	н	11	<b>11</b> ·	"	H	
1,2,3-Trichloropropane	ND	0.500	n	"	. #	11	"	п	
1,2,4-Trimethylbenzene	ND	0.500	n	**	H	n	**	n	•
1,3,5-Trimethylbenzene	ND	0.500	n	11	n	n	. "	n	
Vinyl chloride	ND	0.500	11	п	n	n	· ·	11	
m,p-Xylene	ND	0.500	H		n .	11	n .	Ħ	
o-Xylene	ND	0.500	II .	11	. "	, п	n	н	
Surrogate: Dibromofluoromethane		89.6 %	86-11	8	"	n	"	"	
Surrogate: Toluene-d8	·	90.8 %	88-11	0	"	n	"	n	•
Surrogate: 4-Bromofluorobenzene		86.0 %	86-11	5	<i>"</i>	. <i>n</i>	. "	n	



Analyte

1,1-Dichloropropene

Di-isopropyl ether

Ethyl tert-butyl ether

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: NA

Reporting

Limit

Result

Reported:

RPD

Limit

Notes

%REC

Limits

RPD

Project Manager: Pierre Dreher

07/06/07 14:40

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

## Sierra Analytical Labs, Inc.

Units

Spike

Level

Source

Result

%REC

Blank (B7F2118-BLK1)				Prepared:	06/21/07	Analyze	i: 06/22/07			
Benzene	ND	0.500	μg/L							
Bromobenzene	ND	0.500	11	÷						
Bromochloromethane	ND	0.500	u							
Bromodichloromethane	ND	0.500	11						* •	
Bromoform	ND	0.500	11							•
Bromomethane	ND	0.500								
Methyl ethyl ketone	ND	5.00	н							
n-Butylbenzene	ND	0.500	u							
sec-Butylbenzene	ND	0.500	ii							
tert-Butylbenzene	ND	0.500	ار <b>"</b>		•			•		
Carbon tetrachloride	ND	0.500	. "							
Chlorobenzene	ND	0.500	n							
Chloroethane	ND	0.500	и ,							
2-Chloroethylvinyl ether	ND	1.00	II.							
Chloroform	· ND	0.500	D					•		
Chloromethane	ND.	0.500	n							
2-Chlorotoluene	ND	0.500	" '		•	•				
4-Chlorotoluene	ND	0.500	"	4						
Dibromochloromethane	ND	0.500	"							
Dibromomethane	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	ıı							
1,3-Dichlorobenzene	ND	0.500	i							
1,4-Dichlorobenzene	ND	0.500	n						•	
Dichlorodifluoromethane	ND	0.500	II .							
1,1-Dichloroethane	ND	0.500	n							
1,2-Dichloroethane	ND	0.500	"				•			
l,1-Dichloroethene	ND	0.500								
cis-1,2-Dichloroethene	ND	0.500	u							
rans-1,2-Dichloroethene	ND	0.500	ıı							
1,2-Dichloropropane	ND	0.500	"					,		
1,3-Dichloropropane	ND	0.500	11							
2,2-Dichloropropane	ND	0.500	n							

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.

0.500

0.500

0.500

3.00

3.00

ND

ND

ND

ND

ND



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: NA

Project Manager: Pierre Dreher

Reported:

07/06/07 14:40

# 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
Batch B7F2118 - EPA 500 Series			``			<del></del>				
Blank (B7F2118-BLK1)				Prepared:	06/21/07	Analyzed	: 06/22/07			
Ethylbenzene	ND	0.500	μg/L							
Hexachlorobutadiene	ND	. 0.500	. "							
Isopropylbenzene	ND	0.500	. "							
p-Isopropyltoluene	ND	0.500	"							
Methylene chloride	ND	0.500	11							
Methyl isobutyl ketone	ND	5.00	II .							
Methyl tert-butyl ether	ND	3.00	D							
Naphthalene	ND	0.500	n							
n-Propylbenzene	ND	0.500	"						•	
Styrene	ND	0.500	n							
Tert-amyl methyl ether	ND	3.00	H.							
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	'n							
1,2,3-Trichlorobenzene	ND	0.500	n							
1,2,4-Trichlorobenzene	ND	0.500	#							
1,1,1-Trichloroethane	ND	0.500	11							
1,1,2-Trichloroethane	ND	0.500	"		•					
Trichloroethene	ND	0.500	II.							
Trichlorofluoromethane	ND	5.00	n							
1,1,2-Trichlorotriffuoroethane	ND	10.0	. #							
1,2,3-Trichloropropane	ND	0.500	u						•	
1,2,4-Trimethylbenzene	ND	0.500	II .		•					
1,3,5-Trimethylbenzene	ND	0.500	n							
Vinyl chloride	ND	0.500	Ħ							
m,p-Xylene	ND	0.500	н .							
o-Xylene	ND	0.500	11			_				
Surrogate: Dibromofluoromethane	47.4	· · · · · · · · · · · · · · · · · · ·	n	50.0		94.8	86-118			
Surrogate: Toluene-d8	45.3		"	50.0		90.6	88-110			
Surrogate: 4-Bromofluorobenzene	44.9		"	50.0		89.8	86-115	,		



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: NA

Reported:

07/06/07 14:40

# Project Manager: Pierre Dreher Volatile Organic Compounds by EPA Method 524.2 - Quality Control

## Sierra Analytical Labs, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level ·	Result	%REC	Limits	RPD	Limit	Notes
Batch B7F2118 - EPA 500 Series										
LCS (B7F2118-BS1)				Prepared:	06/21/07	Analyzed	: 06/22/07			
Benzene	21.7	0.500	μg/L	25.0		86.8	80-120			
Chlorobenzene	27.4	0.500	."	25.0		110	80-120	•		
1,1-Dichloroethene	25.1	0.500	п	25.0		100	80-120			
Toluene	26.0	0.500	"	25.0		104	80-120			
Trichloroethene	26.7	0.500	**	25.0		107	80-120			
Duplicate (B7F2118-DUP1)	Sou	rce: 0706292	2-01	Prepared:	06/21/07	Analyzed	: 06/22/07			
Benzene	ND	0.500	μg/L		ND				30	
Chlorobenzene	ND	0.500			ND				30	
1,1-Dichloroethene	ND	0.500	n		ND				30	
Toluene	ND	0.500	n		ND				30	
Trichloroethene	ND -	0.500	11		ND .				30	ě
Matrix Spike (B7F2118-MS1)	Sou	rce: 0706292	2-01	Prepared:	: 06/22/07					
Benzene	22.0	0.500	μg/L	25.0	ND	88.0	37-151			
Chlorobenzene	29.1	0.500	H .	25.0	ND	116	37-160			
1,1-Dichloroethene	25.3	0.500	II .	25.0	ND	101	50-150			
Toluene	26.0	0.500	11	25.0	ND	104	47-150			
Trichloroethene	29.6	0.500	11	25.0	ND	118	71-157			
Matrix Spike Dup (B7F2118-MSD1)	Sou	rce: 0706292	2-01	Prepared:	06/21/07	Analyzed	: 06/22/07			
Benzene	21.3	0.500	μg/L	25.0	ND	85.2	37-151	3.23	30	
Chlorobenzene	28.5	0.500	"	25.0	ND	114	37-160	2.08	30	
1,1-Dichloroethene	24.4	0.500	"	25.0	ND	97.6	50-150	3.62	30	
Toluene	25.7	0.500	11	25.0	ND ·	103	47-150	1.16	30	
Trichloroethene	29.4	0.500	"	25.0	ND	118	71-157	0.678	30	





32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly Project Manager: Pierre Dreher Reported: 07/06/07 09:37

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Well Dance Hall	0706446-01	Water	06/20/07 14:50	06/21/07 10:00

#### **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.



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed .	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/0	7 14:50 Red	ceived: 00	5/21/07 10	0:00		-	***************************************	
Plate Count (1 ml) Total Coliforms	8 Absent		CFU/mL U/100 mL	1	B7F2113	06/21/07	06/21/07	SM 9215B SM 9222B	



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly

Reported: 07/06/07 09:37

Project Manager: Pierre Dreher

# Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/0	7 14:50 I	Received: 0	6/21/07 1	0:00				
Total Alkalinity	283	0.400	mg/L	1	B7F2593	06/20/07	06/20/07	EPA 310.1	
Carbonate Alkalinity	ND	0.400	11	ir	n	ш	н	U	
Bicarbonate Alkalinity	283	0.400	**	ır	n		II .	н	
Hydroxide Alkalinity	ND	0.400	n	н	"	u	U	H .	
Chloride	369	0.500	11		n	**	u	SM 4500-Cl- B	
Specific Conductance (EC)	2530	0.100	μmhos/cm	lt .	n	,"	n	EPA 120.1	
Fluoride	0.920	0.0200	mg/L	11	. "	u	n	EPA 340.1	
Total Hardness	880	0.400	, n	. 11	н.	ıı'	186	SM 2340	
Methylene Blue Active Substances	ND	0.100	n	11	n		н .	EPA 425.1	
pH	7.10	0.100	pH Units	n	n	11	17	EPA 150.1	
Sulfate as SO4	525	0.500	mg/L	II*	, н	n	1f	EPA 375.4	
<b>Total Dissolved Solids</b>	1720	1.00	11	, "	11	Ħ	If	EPA 160.1	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

# Physical Parameters by APHA/ASTM/EPA Methods

# Sierra Analytical Labs, Inc.

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/07	14:50 R	eceived:	06/21/07 1	0:00				
Langlier's Index	+0.29		N/A	1	B7F2593	06/20/07	06/20/07	Calculation	



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

# Anions by EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/	07 14:50 R	eceived:	06/21/07 1	0:00	_			
Nitrate as N Nitrate as NO3	2.00 8.90	0.0200 0.100	mg/L	1	B7F2593	06/20/07	06/20/07	EPA 300.0	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly

Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

# Total Organic Carbon (TOC) by SM 5310 B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/07	14:50 R	eceived:	06/21/07 1	0:00				
Total Organic Carbon	4.1	0.50	mg/L	1	B7F2519	06/25/07	06/25/07	SM 5310 B	



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

### Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/	07 14:50 R	eceived:	06/21/07 1	0:00				
Silver	ND	0.0040	mg/L	1	B7F2573	06/25/07	06/26/07	EPA 200.7	_
Aluminum	ND	0.050	lf	17	**	n		"	
Arsenic	ND	0.015	"	н	11	11	06/26/07	11	
Barium	0.054	0.021	19	ti ti	11	u	06/26/07	11	
Beryllium	ND	0.0010	n	n	tt	u	ti .	н	
Calcium	240	0.53		II .	n	"	06/26/07	n	
Cadmium	ND	0.0040	н	II.	n	II.	06/26/07	'n	
Chromium '	ND	0.0060	**	u	II	tr.	u .	11	
Copper	ND	0.011	11	11	18	11	06/26/07	II .	
Iron	2.6	0.052	n	u	и :	**	11	11	
Mercury	ND	0.00030	IP		B7F2207	06/22/07	06/22/07	EPA 245.1	
Potassium	5.2	0.90	11	**	B7F2573	06/25/07	06/26/07	EPA 200.7	
Magnesium	69	0.41	. "	Ħ		19	11	. п	
Manganese	1.6	0.0060	٠.	н .	**	11	06/26/07	II .	
Sodium	240	0.71	Ħ	"	tt.	"	06/26/07		
Nickel	ND	0.0090	н	*	17	<b>#</b> .	06/26/07	n .	
Antimony	ND	0.031		н	11		11	u_	
Selenium	ND	0.018	п	н	11	11	п	"	
Silica (SiO2)	33	0.15	n ,		19	19	06/26/07	н	
Strontium	1.2	0.062	и	п	. 11	n	(1	н	
Thallium	ND	0.0070	ır	ır	11	11	06/26/07	"	
Zine	ND	0.013	11	u	н	17	"	n .	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

## Volatile Organic Compounds by EPA Method 8260B

## Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
						Frepared	Anatyzeu	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/07	14:50 F	Received:	06/21/07 10	0:00 			·	
Benzene	ND	1.0	μg/L	1	B7F2033	06/21/07	06/22/07	EPA 8260B	
Bromobenzene	ND	1.0	н	tr.	"		".	H	
Bromochloromethane	ND	1.0	Ħ	11	u	Ħ	11	"	
Bromodichloromethane	ND	1.0	**	**	u u	**	11 '	n	
Bromoform	ND	1.0	"	. "	,17	**	11	11	
Bromomethane	ND	1.0	11	11	IP	н		H.	
n-Butylbenzene	ND	1.0	II .	14	IP	H	. 11	Ħ	
sec-Butylbenzene	ND	1.0	II	18	U	Ħ	11	Ħ	
tert-Butylbenzene	ND	1.0	"	11	"	. 11	"	n	
Carbon tetrachloride	ND	1.0	19	"	11	. "		н .	
Chlorobenzene	ND	1.0		11	11	11	"	" .	
Chloroethane	ND	1.0	10	11	11	**	"	11	
Chloroform	ND	1.0	н	12	t?	11	11	**	•
Chloromethane	ND	1.0	н		II.	**		11	
2-Chlorotoluene	ND	1.0	11	11	l?	IT.	10	"	
4-Chlorotoluene	ND	1.0	"	11	11	11	n ,	11	
Dibromochloromethane	ND	1.0	"	11*	. "	"	II.	11	
1,2-Dibromo-3-chloropropane	ND	5.0	н	11	H	11	II.	, i u	
1,2-Dibromoethane (EDB)	ND .	1.0	н .	. 11	II .	'n	и .	II .	
Dibromomethane	ND	1.0	*1	".	It	u	II	n	
1,2-Dichlorobenzene	ND	1.0	17	11	"	"	"	11	
1,3-Dichlorobenzene	ND	1.0	"	11	11	11	"	II	
1,4-Dichlorobenzene	ND	1.0	н	10	. 11	u	"	n	
Dichlorodifluoromethane	ND	1.0	11	. 11	"	"	n	n	
1,1-Dichloroethane	ND	1.0	. "	10	117	11	. н	"	
1,2-Dichloroethane	ND	1.0	н.	"	"	11	n	rr ·	
1,1-Dichloroethene	ND	1.0	11	. "		II .	11	10	
cis-1,2-Dichloroethene	ND	1.0	711	H	"		11	u .	ř
trans-1,2-Dichloroethene	ND	1.0	11	11		. 11	п	u u	
1,2-Dichloropropane	∘ND	1.0	11	"	"		19	II.	
1,3-Dichloropropane	ND	1.0	11	m		II .	17	II .	
2,2-Dichloropropane	ND	1.0	u u	11	ır	U	"		
1,1-Dichloropropene	ND	1.0	11	19	II	и.	17	n	
cis-1,3-Dichloropropene	ND	1.0	"	n	It	Ü	"	. #	
trans-1,3-Dichloropropene	ND	1.0	11	н	II .	и .	"		
Ethylbenzene	ND	1.0	"	n	ır	II	"	n	
Hexachlorobutadiene	ND	1.0	11	"	ıı	II .	It		
Isopropylbenzene	ND	1.0	•	11	II	u	It	16	
p-Isopropyltoluene	ND	1.0	"	11		"	II	er .	
Methylene chloride	ND	1.0	**	11	. "	u	II	it .	
Methyl tert-butyl ether	ND	1.0	н	Ir	. "	ıı	It	tr .	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

## Volatile Organic Compounds by EPA Method 8260B

# Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well Dance Hall (0706446-01) Water	Sampled: 06/20/0	07 14:50 R	eceived:	06/21/07 1	0:00				
Naphthalene	ND	1.0	μg/L	1	B7F2033	06/21/07	06/22/07	EPA 8260B	
n-Propylbenzene	, ND	1.0	**	. "	"	**	. "	"	
Styrene	ND	1.0	**		n	"	n n	. п	
1,1,1,2-Tetrachloroethane	ND	1.0	n,	"	и .	**		n	
1,1,2,2-Tetrachloroethane	ND	1.0	11	u	н .	n		н	
Tetrachloroethene	ND	1.0	IF	11	II	n	11	n	
Toluene	ND	1.0	17	11	н	II	н	D	
1,2,3-Trichlorobenzene	ND	1.0	u v	jŧ.	ıı	n	н	n	
1,2,4-Trichlorobenzene	ND	1.0	**	It	u	n		n	
1,1,1-Trichloroethane	ND	1.0	"	It	H .	IJ	н	H ·	
1,1,2-Trichloroethane	ND	1.0	H	19	n	n	II .	n	
Trichloroethene	ND	1.0	н	H	. "	и.	п	#	*
Trichlorofluoromethane	ND ·	1.0	Ħ	H		н	**	n	
1,2,3-Trichloropropane	ND	1.0	11	**	#	n	"	*	
1,2,4-Trimethylbenzene	ND	1.0	. #	н	u .	11	ш	н	
1,3,5-Trimethylbenzene	ND	1.0	"	. н	17	11	н	н '	
Vinyl chloride	ND	1.0	**	н	17	n	. 11	ıt	•
m,p-Xylene	ND	1.0	. "	н.,	**	n n	11	11	
o-Xylene	ND	1.0	<u>"</u>	п	"	n	n	11	
Surrogate: Dibromofluoromethane		101 %	86-	118	"	"	"	"	
Surrogate: Toluene-d8		91.2 %	88-	110	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	86-	115	"	"	"	"	



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly

Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

#### Notes and Definitions

\_A Absent

\_LI +0.29

QM-07 The s

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

DET An

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

Total Organic Carbon (TOC) by SM 5310 B - Quality Control

Sierra Analytical Labs, Inc.

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

Batch B7F2519 - Organic Carbon

 Blank (B7F2519-BLK1)
 Prepared & Analyzed: 06/25/07

 Total Organic Carbon
 ND
 0.50
 mg/L



Project: NA

32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project Number: Wells Quarterly Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

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

### Sierra Analytical Labs, Inc.

1	n •	Reporting	T E *-	Spike	Source	0/750	%REC	DEC	RPD	NT.
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B7F2207 - EPA 200 Series	· · · · · · · · · · · · · · · · · · ·				_	<u></u>	<u> </u>			
Blank (B7F2207-BLK1)				Prepared &	& Analyze	d: 06/22/0	)7			
Mercury	ND	0.00030	mg/L							
Blank (B7F2207-BLK2)				Prepared &	r Analuza	d: 06/22/0	17			
Mercury	ND	0.00030	mg/L	. repared e	·	u. 00/22/(				
·		2,20020		_						
LCS (B7F2207-BS1)				Prepared &	Analyze					·
Mercury	0.00110	0.00030	mg/L	0.00100		110	80-120			
LCS (B7F2207-BS2)				Prepared &	և Analyze	d: 06/22/0	)7			
Mercury	0.00117	0.00030	mg/L	0.00100		117	80-120			
Matrix Spike (B7F2207-MS1)	Sou	rce: 070639.	3-01	Prepared &	Z Analuze	d: 06/22/0	17			
Mercury	0.00113	0.00030	mg/L	0.00100	ND ND	113	80-120			
·										
Matrix Spike (B7F2207-MS2)		rce: 0706448		Prepared &				· ·		
Mercury	0.00109	0.00030	mg/L	0.00100	ND	109	80-120			
Matrix Spike Dup (B7F2207-MSD1)	Sou	rce: 0706393	3-01	Prepared &	& Analyze	d: 06/22/0	17 .			
Mercury	0.00108	0.00030	mg/L	0.00100	ND	108	80-120	4.52	20	
Matrix Spike Dup (B7F2207-MSD2)	Sou	rce: 0706448	8-01	Prepared &	& Analyze	d: 06/22/0	17	,		
Mercury	0.00110	0.00030	mg/L	0.00100	ND	110	80-120	0.913	20	
Batch B7F2573 - EPA 200 Series									•	
				Prepared: (	16/25/07	Analyzad	06/26/07			-
Blank (B7F2573-BLK1) Aluminum	ND ND	0.050	mg/L	r repared: (	00/23/07	Anaryzea.	. vu/20/U/			
Antimony	ND ND	0.030	ıı. ıuâ∖r							
Arsenic	ND	0.015	ıı							
Barium	ND	0.021	Ħ							
Beryllium	ND	0.0010	n					.*		
Cadmium	ND	0.0040	"			·.				
Calcium	ND	0.53	"							
Chromium	ND	0.0060	**							
Copper	ND	0.011	11							
Iron	ND	0.052	"							
Magnesium	ND	0.41	11				•			
Manganese	ND	0.0060	H							
Nickel	ND	0.0090								
Potassium	ND	0.90	11							
Selenium	ND	0.018								



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly

Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

#### 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
Batch B7F2573 - EPA 200 Series										
Blank (B7F2573-BLK1)				Prepared:	06/25/07	Analyzed	: 06/26/07			
Silica (SiO2)	ND	0.15	mg/L	· · · · · · · · · · · · · · · · · · ·	· ·	<del></del>				
Silver	ND	0.0040	11							
Sodium	ND	0.71	. 0		*					
Strontium	ND	0.062	0							
<b>Thallium</b>	ND	0.0070	17							
Zine	ND	0.013	19		•					
Blank (B7F2573-BLK2)				Prepared:	06/25/07	Analyzed	: 06/26/07			· . ·
Aluminum	ND	0.050	mg/L							
Antimony	ND	0.031	11							
Arsenic	ND	0.015	. 0							
3arium	ND	0.021	11							
Beryllium	ND	0.0010	ię.							
Cadmium	ND	0.0040	17							
Calcium	ND	0.53	"							
Chromium	ND	0.0060	H							
Copper	ND	0.011	· h			•				
ron	ND	0.052	н							•
Magnesium	ND	0.41	н							
Manganese	ND	0.0060	Iŧ							
Nickel	ND	0.0090	и							
Potassium	ND	0.90	14						*	
Selenium	ND	0.018	**				4 - 1			
Silica (SiO2)	ND	0.15	11							
Silver	ND	0.0040	11							
Sodium	ND	0.71	71							
Strontium	ND	0.062	H							
Thallium ·	ND	0.0070	н							٠
Zinc	ND	0.013	н							



ECO Resources Inc. 32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

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

### Sierra Analytical Labs, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B7F2573 - EPA 200 Series					_					
LCS (B7F2573-BS1)				Prepared:	06/25/07 Aı	nalyzed	: 06/26/07			
Aluminum	0.202	0.050	mg/L	0.200		101	75-125			
Antimony	0.214	0.031	**	0.200		107	85-115			
Arsenic	0.203	0.015	**	0.200		102	80-120			
Barium	0.200	0.021	11	0.200		100	85-115			
Beryllium	0.208	0.0010	n	0.200		104	85-115			
Cadmium	0.196	0.0040	ti	0.200		98.0	85-115		2	
Calcium	10.3	0.53	и .	10.2		101	80-120			
Chromium	0.207	0.0060	"	0.200		104	85-115		•	
Copper	0.207	0.011	".	0.200		104	85-115			
Iron	0.210	0.052	н	0.200		105	70-130			
Magnesium	10.7	0.41	. 11	10.2		105	80-120			
Manganese	0.219	0.0060	II .	0.200		110	85-115			
Nickel	0.212	0.0090	II	0.200		106	85-115		•	
Potassium	11.3	0.90	11	10.2		111	80-120			
Selenium	0.198	0.018	н .	0.200		99.0	85-119			
Silica (SiO2)	0.269	0.15	n	0.200		134	60-140			
Silver	0.209	0.0040	п.	0.200		104	80-120			
Sodium	10.7	0.71	и	10.2		105	80-120			
Strontium	0.202	0.062	ır	0.200		101	75-125			
Thallium	0.211	0.0070	ır	0.200		106	85-115			
Zinc	0.202	0.013		0.200		101	85-115			
LCS (B7F2573-BS2)				Prepared:	06/25/07 An	alyzed:	06/26/07			
Aluminum	0.197	0.050	mg/L	0.200		98.5	75-125			
Antimony	0.208	0.031	It	0.200		104	85-115			
Arsenic	- 0.199	0.015	II .	0.200		99.5	80-120	•	_	
Barium	0.195	0.021	ır	0.200		97.5	85-115		·	
Beryllium	0.204	0.0010	u ·	0.200		102	85-115			
Cadmium	0.192	. 0.0040	и	0.200		96.0	85-115			
Calcium	10.4	0.53	"	10.2		102	80-120			
Chromium	0.203	0.0060	**	0.200		102	85-115		٠.	
Соррег	0.200	0.011		0.200		100	85-115			
Iron	0.204	0.052	. "	0.200		102	70-130			
Magnesium	10.6	0.41	11	10.2	•	104	80-120			
Manganese	0.205	0.0060	"	0.200		102	85-115			
Nickel	0.207	0.0090	n	0.200		104	85-115			
Potassium	11.2	0.90	11	10.2		110	80-120			



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

#### 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
Batch B7F2573 - EPA 200 Series		<del></del>		· · · · · · · · · · · · · · · · · · ·		<del></del>				
LCS (B7F2573-BS2)				Prepared:	06/25/07	Analyzed	1: 06/26/07			
Selenium	0.191	0.018	mg/L	0.200		95.5	85-119			•
Silica (SiO2)	0.266	0.15	11	0.200		133	60-140			
Silver	0.203	0.0040	11	0.200		102	80-120			
Sodium	10.7	0.71		10.2		105	80-120			
Strontium	0.203	0.062	11	0.200		102	75-125		•	
Thallium	0.205	0.0070	**	0.200		102	85-115		•	
Zinc	0.198	0.013	H	0.200		99.0	85-115			
Matrix Spike (B7F2573-MS1)	Sou	rce: 070643	3-01	Prepared:	06/25/07	Analyzed	1: 06/26/07			
Aluminum	0.200	0.050	mg/L	0.200	ND	100	70-130			
Antimony	0.210	0.031	19	0.200	ND	105	70-130			
Arsenic	0.208	0.015	#	0.200	ND	104	70-130			
Barium	0.246	0.021	н	0.200	0.057	94.5	70-130			
Beryllium	0.200	0.0010	и .	0.200	ND	100	70-130			
Cadmium	0.191	0.0040		0.200	ND	95.5	70-130			
Calcium	236	0.53	**	10.2	240	NR	70-130			QM-07
Chromium	0.194	0.0060	11	0.200	ND	97.0	70-130			
Copper	0.213	0.011	н	0.200	ND	106	70-130			
Iron	1.12	0.052	"	0.200	0.93	95.0	70-130			
Magnesium	67.3	0.41		10.2	59	81.4	70-130			
Manganese	1.13	0.0060	"	0.200	0.95	90.0	70-130			
Nickel	0.194	0.0090	"	0.200	ND	97.0	70-130			
Potassium	15.9	0.90	11	10.2	4.5	112	70-130			
Selenium	0.191	0.018		0.200	· ND	95.5	70-130	•		
Silica (SiO2)	32.1	0.15	и,	0.200	32	50.0	60-140			QM-07
Silver	0.208	0.0040	11	0.200	ND	104	75-125			
Sodium	200	0.71	Ħ	10.2	200	0.00	70-130			QM-07
Strontium	1.34	0.062		0.200	1.2	70.0	75-125			QM-07
Thallium	0.188	0.0070	н :	0.200	ND	94.0	70-130			
Zinc	0.200	0.013	IF	0.200	0.011	94.5	70-130			



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly Project Manager: Pierre Dreher Reported: 07/06/07 09:37

### 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
Batch B7F2573 - EPA 200 Series										
Aatrix Spike (B7F2573-MS2)	Sou	urce: 070645	3-03	Prepared:	06/25/07	Analyzed	l: 06/26/07			
luminum	0.267	0.050	mg/L	0.200	0.072	97.5	70-130			
antimony	0.209	0.031	н	0.200	ND	104 -	70-130			
rsenic	0.201	0.015	н	0.200	ND	100	70-130			
Barium	0.201	0.021	u	0.200	0.0086	96.2	70-130			
Beryllium	0.202	0.0010	n	0.200	ND	101	70-130			
Cadmium	0.190	0.0040	11	0.200	ND	95.0	70-130			
Calcium	12.8	0.53	. "	10.2	2.4	102	70-130			
Chromium	0.198	0.0060	n	0.200	ND	99.0	70-130			
Copper	0.208	0.011	n	0.200	ND	104	70-130			
ron	0.209	0.052	11	0.200	ND	104	70-130			
Magnesium	10.7	0.41	11	10.2	0.14	104	70-130			
Manganese	0.206	0.0060	17	0.200	0.0018	102	70-130			
lickel	0.206	0.0090	17	0.200	ND	103	70-130			
otassium	11.6	0.90	. "	10.2	0.66	107	70-130			
elenium	0.188	0.018	11	0.200	ND	94.0	70-130			
ilica (SiO2)	8.96	0.15	"	0.200	8.0	480	60-140			QM-0
ilver	0.200	0.0040	tr	0,200	ND	100	75-125			
odium	77.1	0.71	. "	10.2	66	109	70-130			÷
trontium	0.253	0.062	"	0.200	0.052	100	75-125			
Thallium	0.197	0.0070	н	0.200	ND	98.5	70-130			
Sinc	0.628	0.013	u	0.200	0.45	89.0	70-130			
Matrix Spike Dup (B7F2573-MSD1)	Soi	arce: 070643	3-01	Prepared:	06/25/07	Analyzed	l: 06/26/07			•
Aluminum	0.224	0.050	mg/L	0.200	ND	112	70-130	11.3	20	
Antimony	0.213	0.031	"	0.200	ND	106	70-130	1.42	20	
Arsenic	0.213	0.015	n	0.200	ND	106	70-130	2.38	20	
Barium	0.250	0.021	"	0.200	0.057	96.5	70-130	1.61	20	
Beryllium	0.202	0.0010	"	0.200	ND	101	70-130	0.995	20	
Cadmium	0.195	0.0040	,,	0.200	ND	97.5	70-130	2.07	20	
Calcium	247	0.53	,,	10.2	240	68.6	70-130	4.55	20	QM-0
Chromium	0.198	0.0060	н	0.200	ND	99.0	70-130	2.04	20	•
Copper	0.216	0.011	. "	0.200	ND	108	70-130	1.40	20	
ron	1.52	0.052	17	0.200	0.93	295	70-130	30.3	20	QM-0
∕agnesium	69.4	0.41	"	10.2	59	102	70-130	3.07	20	~
Manganese	1.15	0.0060		0,200	0.95	100	70-130	1,75	20	
lickel	0.199	0.0090	11	0.200	ND	99.5	70-130	2.54	20	



32470 Paseo Adelanto

Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

San Juan Capistrano CA, 92675

## 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
Batch B7F2573 - EPA 200 Series				·····	···········					
Matrix Spike Dup (B7F2573-MSD1)	Sou	ırce: 070643	3-01	Prepared:	06/25/07	Analyzed	l: 06/26/07			
Selenium	0.199	0.018	mg/L	0.200	ND	99.5	70-130	4.10	20	
Silica (SiO2)	33.0	0.15	"	0.200	32	500	60-140	2.76	40	QM-0
Silver	0.210	0.0040		0.200	ND	105	75-125	0.957	20	•
Sodium	210	0.71	."	10.2	200	98.0	70-130	4.88	20	
Strontium	1.38	0.062	n	0.200	1.2	90.0	75-125	2.94	20	
Thallium	0.189	0.0070	11	0.200	ND	94.5	70-130	0.531	20	
Zinc	0.204	0.013	11	0.200	0.011	96.5	70-130	1.98	20	-
Matrix Spike Dup (B7F2573-MSD2)	Sou	ırce: 070645	3-03	Prepared:	06/25/07	Analyzed	l: 06/26/07			
Aluminum	0.270	0.050	mg/L	0.200	0.072	99.0	70-130	1.12	20	
Antimony	0.220	0.031	ır	0.200	ND	110	70-130	5,13	20	
Arsenic	0.209	0.015	R	0.200	ND	104	70-130	3.90	20	
Barium	0.208	0.021	ir .	0.200	0.0086	99.7	70-130	3.42	20	
Beryllium	0.209	0.0010	"	0.200	ND	104	70-130	3.41	20	
Cadmium	0.196	0.0040	н	0.200	ND	98.0	70-130	3.11	20	
Calcium	13.0	0.53	. #	10.2	2.4	104	70-130	1.55	20	
Chromium	0.204	0.0060	n	0.200	ND	102	70-130	2.99	20	
Copper	0.215	0.011	n	0.200	ND	108	70-130	3.31	20	
Iron	0.215	0.052	п	0.200	ND	108	70-130	2.83	20	•
Magnesium	11.0	0.41	- 11	10.2	0.14	106	70-130	2.76	20	
Manganese	0.203	0.0060	s	0.200	0.0018	101	70-130	1.47	20	
Nickel	0.212	0.0090	II .	. 0,200	ND .	106	70-130	2.87	20	
Potassium	12.0	0.90	и	10.2	0.66	111	70-130	3.39	20	
Selenium	0.198	0.018	<b>"</b> .	0.200	ND	99.0	70-130	5.18	20	
Silica (SiO2)	9.02	0.15	11	0.200	8.0	510	60-140	0.667	40	QM-07
Silver	0.207	0.0040	Ħ	0.200	ND	104	75-125	3.44	20	
Sodium	79.1	0.71	"	10.2	66	128	70-130	2.56	20	
Strontium	0.262	0.062	**	0.200	0.052	105	75-125	3.50	20	
Thallium	0.203	0.0070	"	0.200	ND	102	70-130	3.00	20	
Zinc	0.639	0.013	ır	0.200	0.45	94.5	70-130	1.74	20	



32470 Paseo Adelanto San Juan Capistrano CA, 92675 •

Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

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

### Sierra Analytical Labs, Inc.

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

Blank (B7F2033-BLK1)				Prepared: 06/20/07 Analyzed: 06/22/07
Benzene	ND	1.0	μg/L	
Bromobenzene	ND	1.0	"	
Bromochloromethane	ND	1.0	"	
Bromodichloromethane	ND	1.0	**	
Bromoform	ND	1.0	11	•
Bromomethane	ND	1.0	"	
n-Butylbenzene	ND	1.0	**	
sec-Butylbenzene	ND	1.0	**	
tert-Butylbenzene	ND	1.0	**	
Carbon tetrachloride	ND	1.0	**	
Chlorobenzene	ND	1.0	**	
Chloroethane	ND	1.0	11	
Chloroform	ND	1.0	11	
Chloromethane	ND	1.0	" .	
2-Chlorotoluene	ND	1.0	II.	
4-Chlorotoluene	ND	1.0	u	•
Dibromochloromethane	ND	1.0	11	
1,2-Dibromo-3-chloropropane	ND	5.0 ,	11	
1,2-Dibromoethane (EDB)	ND	1.0	11	•
Dibromomethane	ND	1.0	ij	
1,2-Dichlorobenzene	ND	1.0	**	
1,3-Dichlorobenzene	ND	1.0	"	
1,4-Dichlorobenzene	ND	1.0	"	
Dichlorodifluoromethane	ND ·	1.0	11	•
1,1-Dichloroethane	ND	1.0	19	
1,2-Dichloroethane	ND	1.0	11	· ·
1,1-Dichloroethene	ND	1.0	11	
cis-1,2-Dichloroethene	ND	1.0	11	
trans-1,2-Dichloroethene	ND	1.0	n	
1,2-Dichloropropane	ND	1.0	н	
1,3-Dichloropropane	ND	1.0	11	
2,2-Dichloropropane	ND	1.0	H	
1,1-Dichloropropene	ND	1.0	n '	
cis-1,3-Dichloropropene	ND	1.0	11	•
trans-1,3-Dichloropropene	ND	1.0	t <del>r</del>	
Ethylbenzene	ND	1.0	11	
Hexachlorobutadiene	ND <sup>-</sup>	1.0	11	



ECO Resources Inc. 32470 Paseo Adelanto

Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported: 07/06/07 09:37

San Juan Capistrano CA, 92675

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

### Sierra Analytical Labs, Inc.

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

Blank (B7F2033-BLK1)	Batch B7F2033 - EPA 5030B P &	T								
Sopropylbenzente	Blank (B7F2033-BLK1)				Prepared:	06/20/07	Analyze	d: 06/22/07		
Methyl terributyl ether   ND	Isopropylbenzene	ND	1.0	μg/L						
Nethyl tert-buyl ether	p-Isopropyltoluene	ND	1.0	н '					•	
Naphthalene         ND         1.0         "           n-Propylenzene         ND         1.0         "           Styrene         ND         1.0         "           I,1,1,2-Tetrachloroethane         ND         1.0         "           I,1,2,2-Tetrachloroethane         ND         1.0         "           Tetrachloroethane         ND         1.0         "           Toluene         ND         1.0         "           1,2,3-Trichlorobenzene         ND         1.0         "           1,2,4-Trichloroethane         ND         1.0         "           1,2,4-Trichloroethane         ND         1.0         "           1,2,4-Trichloroethane         ND         1.0         "           1,1,1-Trichloroethane         ND         1.0         "           Trichloroethane         ND         1.0         "           Trichloroptopane         ND         1.0         "           1,2,3-Trichloroptopane         ND         1.0         "           1,2,3-Trichloroptopane         ND         1.0         "           1,2,3-Trichloroptopane         ND         1.0         "           1,2,4-Trimethylbenzene         ND         1.0<	Methylene chloride	ND	1.0	11						
Naphthaleneer   No	Methyl tert-butyl ether	ND .	1.0	Ħ						
ND	Naphthalene	ND	1.0	18						
1,1,2-Tetrachloroethane	n-Propylbenzene	ND	1.0	11						
1,1,2,2-Tetrachloroethane	Styrene	ND	1.0	11						
Tetrachloroethene	1,1,1,2-Tetrachloroethane	ND	1.0							
Toluene	1,1,2,2-Tetrachloroethane	ND	1.0	11						
1,2,3-Trichlorobenzene ND 1.0 " 1,2,4-Trichlorobenzene ND 1.0 " 1,1,1-Trichloroethane ND 1.0 " 1,1,1-Trichloroethane ND 1.0 " Trichlorofluoromethane ND 1.0 " Trichlorofluoromethane ND 1.0 " 1,2,3-Trichloropropane ND 1.0 " 1,2,3-Trichloropropane ND 1.0 " 1,2,4-Trimethylbenzene ND 1.0 " 1,3,5-Trimethylbenzene ND 1.0 " 1,3,5-Trimethylbenzene ND 1.0 " 1,3,5-Trimethylbenzene ND 1.0 " Vinyl chloride ND 1.0 " Vinyl chloride ND 1.0 "  Surrogate: Dibromofluoromethane ND 1.0 "  Surrogate: Dibromofluoromethane A8.1 " 50.0 96.2 86-118  Surrogate: Toluene-d8 47.4 " 50.0 94.8 88-110  Surrogate: 4-Bromofluorobenzene 52.0 " 50.0 104 86-115  LCS (BFE2033-BS1) Prepared: 06/20/07 Analyzed: 06/22/07  Benzene 42.8 1.0 μg/L 50.0 85.6 80-120  Chlorobenzene 59.1 1.0 " 50.0 118 80-120  1,1-Dichloroethene 46.2 1.0 " 50.0 92.4 80-120  Toluene 47.8 1.0 " 50.0 92.4 80-120	Tetrachloroethene	ND	1.0	u		, •				
1,2,4-Trichlorobenzene	Toluene	ND	1.0	н						
1,1,1-Trichloroethane       ND       1.0       "         1,1,2-Trichloroethane       ND       1.0       "         Trichloroethane       ND       1.0       "         Trichlorofluoromethane       ND       1.0       "         1,2,3-Trichloropropane       ND       1.0       "         1,3,5-Trimethylbenzene       ND       1.0       "         1,3,5-Trimethylbenzene       ND       1.0       "         vinyl chloride       ND       1.0       "         mp-Xylene       ND       1.0       "         o-Xylene       ND       1.0       "         Surrogate: Dibromofluoromethane       48.1       "       50.0       96.2       86-118         Surrogate: Toluene-d8       47.4       "       50.0       94.8       88-110         Surrogate: 4-Bromofluorobenzene       52.0       "       50.0       104       86-115         LCS (B7F2033-BS1)       Prepared: 06/20/07 Analyzed: 06/22/07         Benzene       42.8       1.0       µg/L       50.0       85.6       80-120         Chlorobenzene       59.1       1.0       "       50.0       92.4       80-120         Toluene	1,2,3-Trichlorobenzene	ND	1.0	n					•	
1,1,2-Trichloroethane	1,2,4-Trichlorobenzene	ND	1.0	n						
Trichloroethene         ND         1.0         "           Trichlorofluoromethane         ND         1.0         "           1,2,3-Trichloropropane         ND         1.0         "           1,2,4-Trimethylbenzene         ND         1.0         "           1,3,5-Trimethylbenzene         ND         1.0         "           Vinyl chloride         ND         1.0         "           m,p-Xylene         ND         1.0         "           ο-Xylene         ND         1.0         "           Surrogate: Dibromofluoromethane         48.1         "         50.0         96.2         86-118           Surrogate: Toluene-d8         47.4         "         50.0         94.8         88-110           Surrogate: 4-Bromofluorobenzene         52.0         "         50.0         104         86-115           LCS (B7F2033-BS1)         Prepared: 06/20/07 Analyzed: 06/22/07           Benzene         42.8         1.0         μg/L         50.0         85.6         80-120           Chlorobenzene         59.1         1.0         "         50.0         92.4         80-120           Toluene         47.8         1.0         "         50.0         95.6	1,1,1-Trichloroethane	ND	1.0	Ħ						
Trichlorofluoromethane ND 1.0 " 1,2,3-Trichloropropane ND 1.0 " 1,2,4-Trimethylbenzene ND 1.0 " 1,3,5-Trimethylbenzene ND 1.0 " 1,3,5-Trimethylbenzene ND 1.0 " Vinyl chloride ND 1.0 " Vinyl chloride ND 1.0 "  O-Xylene ND 1.0 "  Surrogate: Dibromofluoromethane 48.1 " 50.0 96.2 86-118  Surrogate: Toluene-d8 47.4 " 50.0 94.8 88-110  Surrogate: 4-Bromofluorobenzene 52.0 " 50.0 104 86-115  LCS (B7F2033-BS1) Prepared: 06/20/07 Analyzed: 06/22/07  Benzene 42.8 1.0 µg/L 50.0 85.6 80-120  Chlorobenzene 59.1 1.0 " 50.0 92.4 80-120  Toluene 47.8 1.0 " 50.0 95.6 80-120	1,1,2-Trichloroethane	ND	1.0	н						
1,2,3-Trichloroptopane       ND       1.0       "         1,2,4-Trimethylbenzene       ND       1.0       "         1,3,5-Trimethylbenzene       ND       1.0       "         Vinyl chloride       ND       1.0       "         mp-Xylene       ND       1.0       "         o-Xylene       ND       1.0       "         Surrogate: Dibromofluoromethane       48.1       "       50.0       96.2       86-118         Surrogate: Toluene-d8       47.4       "       50.0       94.8       88-110         Surrogate: 4-Bromofluorobenzene       52.0       "       50.0       104       86-115         LCS (B7F2033-BS1)       Prepared: 06/20/07 Analyzed: 06/22/07         Benzene       42.8       1.0       µg/L       50.0       85.6       80-120         Chlorobenzene       59.1       1.0       "       50.0       92.4       80-120         Toluene       47.8       1.0       "       50.0       95.6       80-120	Trichloroethene	ND ·	1.0	11					,	
1,2,4-Trimethylbenzene ND 1.0 " 1,3,5-Trimethylbenzene ND 1.0 " Vinyl chloride ND 1.0 " m,p-Xylene ND 1.0 "  Surrogate: Dibromofluoromethane 48.1 " 50.0 96.2 86-118 Surrogate: 4-Bromofluorobenzene 52.0 " 50.0 104 86-115  LCS (B7F2033-BS1) Prepared: 06/20/07 Analyzed: 06/22/07  Benzene 42.8 1.0 μg/L 50.0 85.6 80-120 Chlorobenzene 59.1 1.0 " 50.0 92.4 80-120 Toluene 47.8 1.0 " 50.0 95.6 80-120	Trichlorofluoromethane	ND	1.0	п				•		
1,3,5-Trimethylbenzene ND 1.0 " Vinyl chloride ND 1.0 " m,p-Xylene ND 1.0 " ο-Xylene ND 1.0 " Surrogate: Dibromofluoromethane 48.1 " 50.0 96.2 86-118 Surrogate: Toluene-d8 47.4 " 50.0 94.8 88-110 Surrogate: 4-Bromofluorobenzene 52.0 " 50.0 104 86-115  LCS (B7F2033-BS1) Prepared: 06/20/07 Analyzed: 06/22/07 Benzene 42.8 1.0 μg/L 50.0 85.6 80-120 Chlorobenzene 59.1 1.0 " 50.0 118 80-120 1,1-Dichloroethene 46.2 1.0 " 50.0 92.4 80-120 Toluene 47.8 1.0 " 50.0 95.6 80-120	1,2,3-Trichloropropane	ND	1.0	11						
Vinyl chloride ND 1.0 " m,p-Xylene ND 1.0 " o-Xylene ND 1.0 "  Surrogate: Dibromofluoromethane 48.1 " 50.0 96.2 86-118 Surrogate: Toluene-d8 47.4 " 50.0 94.8 88-110 Surrogate: 4-Bromofluorobenzene 52.0 " 50.0 104 86-115  LCS (B7F2033-BS1) Prepared: 06/20/07 Analyzed: 06/22/07  Benzene 42.8 1.0 µg/L 50.0 85.6 80-120  Chlorobenzene 59.1 1.0 " 50.0 118 80-120  1,1-Dichloroethene 46.2 1.0 " 50.0 92.4 80-120  Toluene 47.8 1.0 " 50.0 95.6 80-120	1,2,4-Trimethylbenzene	ND	1.0	n						
m,p-Xylene ND 1.0 " o-Xylene ND 1.0 " Surrogate: Dibromofluoromethane 48.1 " 50.0 96.2 86-118 Surrogate: Toluene-d8 47.4 " 50.0 94.8 88-110 Surrogate: 4-Bromofluorobenzene 52.0 " 50.0 104 86-115  LCS (B7F2033-BS1) Prepared: 06/20/07 Analyzed: 06/22/07  Benzene 42.8 1.0 µg/L 50.0 85.6 80-120 Chlorobenzene 59.1 1.0 " 50.0 118 80-120 1,1-Dichloroethene 46.2 1.0 " 50.0 92.4 80-120 Toluene 47.8 1.0 " 50.0 95.6 80-120	1,3,5-Trimethylbenzene	ND	1.0	` 11						e
o-Xylene         ND         1.0         "           Surrogate: Dibromofluoromethane         48.1         " 50.0         96.2         86-118           Surrogate: Toluene-d8         47.4         " 50.0         94.8         88-110           Surrogate: 4-Bromofluorobenzene         52.0         " 50.0         104         86-115           LCS (B7F2033-BS1)         Prepared: 06/20/07 Analyzed: 06/22/07           Benzene         42.8         1.0         µg/L         50.0         85.6         80-120           Chlorobenzene         59.1         1.0         " 50.0         118         80-120           1,1-Dichloroethene         46.2         1.0         " 50.0         92.4         80-120           Toluene         47.8         1.0         " 50.0         95.6         80-120	Vinyl chloride	ND	1.0	"		,				
Surrogate: Dibromofluoromethane         48.1         " 50.0         96.2         86-118           Surrogate: Toluene-d8         47.4         " 50.0         94.8         88-110           Surrogate: 4-Bromofluorobenzene         52.0         " 50.0         104         86-115           LCS (B7F2033-BS1)         Prepared: 06/20/07 Analyzed: 06/22/07           Benzene         42.8         1.0         µg/L         50.0         85.6         80-120           Chlorobenzene         59.1         1.0         " 50.0         118         80-120           1,1-Dichloroethene         46.2         1.0         " 50.0         92.4         80-120           Toluene         47.8         1.0         " 50.0         95.6         80-120	m,p-Xylene	ND	1.0	**						•
Surrogate: Toluene-d8         47.4         " 50.0         94.8 88-110           Surrogate: 4-Bromofluorobenzene         52.0         " 50.0         104 86-115           LCS (B7F2033-BS1)         Prepared: 06/20/07 Analyzed: 06/22/07           Benzene         42.8         1.0 µg/L         50.0         85.6 80-120           Chlorobenzene         59.1         1.0 " 50.0         118 80-120           1,1-Dichloroethene         46.2         1.0 " 50.0         92.4 80-120           Toluene         47.8         1.0 " 50.0         95.6 80-120	o-Xylene	ND	1.0	, п						
Surrogate: 4-Bromofluorobenzene         52.0         " 50.0         104 86-115           LCS (B7F2033-BS1)         Prepared: 06/20/07 Analyzed: 06/22/07           Benzene         42.8         1.0 µg/L         50.0         85.6 80-120           Chlorobenzene         59.1         1.0 " 50.0         118 80-120           1,1-Dichloroethene         46.2         1.0 " 50.0         92.4 80-120           Toluene         47.8         1.0 " 50.0         95.6 80-120	Surrogate: Dibromofluoromethane	48.1		"	50.0		96.2	86-118		
LCS (B7F2033-BS1)         Prepared: 06/20/07 Analyzed: 06/22/07           Benzene         42.8         1.0         µg/L         50.0         85.6         80-120           Chlorobenzene         59.1         1.0         "         50.0         118         80-120           1,1-Dichloroethene         46.2         1.0         "         50.0         92.4         80-120           Toluene         47.8         1.0         "         50.0         95.6         80-120	Surrogate: Toluene-d8	47.4		"	50.0		94.8	88-110		
Benzene       42.8       1.0 μg/L       50.0       85.6       80-120         Chlorobenzene       59.1       1.0 "       50.0       118 80-120         1,1-Dichloroethene       46.2       1.0 "       50.0       92.4 80-120         Toluene       47.8       1.0 "       50.0       95.6 80-120	Surrogate: 4-Bromofluorobenzene	52.0		"	50.0		104	86-115		
Benzene       42.8       1.0 μg/L       50.0       85.6       80-120         Chlorobenzene       59.1       1.0 "       50.0       118 80-120         1,1-Dichloroethene       46.2       1.0 "       50.0       92.4 80-120         Toluene       47.8       1.0 "       50.0       95.6 80-120	LCS (B7F2033-BS1)				Prepared: (	06/20/07	Analyze	d: 06/22/07		
Chlorobenzene       59.1       1.0       "       50.0       118       80-120         1,1-Dichloroethene       46.2       1.0       "       50.0       92.4       80-120         Toluene       47.8       1.0       "       50.0       95.6       80-120		42.8	1.0	μg/L						
1,1-Dichloroethene     46.2     1.0     "     50.0     92.4     80-120       Toluene     47.8     1.0     "     50.0     95.6     80-120	Chlorobenzene	59.1	1.0		50.0		118	80-120		
Toluene 47.8 1.0 " 50.0 95.6 80-120				e			92.4		•	
	•	47.8	1.0				95.6	80-120		
				u						

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



32470 Paseo Adelanto San Juan Capistrano CA, 92675 Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported:

07/06/07 09:37

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

	Reporting			Spike	Source	%REC		RPD			
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch B7F2033 - EPA 5030B P & T											
Matrix Spike (B7F2033-MS1)	Sou	rce: 0706352	2-01	Prepared:	06/20/07	Analyzed	1: 06/22/07				
Benzene	43.5	1.0	μg/L	50.0	ND	87.0	37-151				
Chlorobenzene	59.9	1.0	ıı .	50.0	ND	120	37-160				
1,1-Dichloroethene .	46.9	1.0	"	50.0	ND ·	93.8	50-150				
Toluene	48.2	1.0	"	50.0	ND	96.4	47-150				
Trichloroethene	55.2	1.0	n	50.0	ND	110	71-157				
Matrix Spike Dup (B7F2033-MSD1)	Sour	Source: 0706352-01		Prepared: 06/20/07 Analyzed: 06/22/07			: 06/22/07				
Benzene	40.4	1.0	μg/L	50.0	ND	80.8	37-151	7.39	. 30		
Chlorobenzene	57.0	1.0	. 11	50.0	ND	114	37-160	4.96	30		
1,1-Dichloroethene	41.9	1.0	D .	50.0	ND	83.8	50-150	11.3	30		
Toluene	44.5	1.0	IF	50.0	ND	89.0	47-150	7.98	30		
Trichloroethene	49.1	1.0	".	50.0	ND	98.2	71-157	11.7	30		



Project: NA

32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project Number: Wells Quarterly

Project Manager: Pierre Dreher

Reported: 10/04/07 11:15

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Well SJBA2	0709492-01	Water	09/26/07 09:30	09/26/07 11:00
Well SJBA4	0709492-02	Water	09/26/07 09:50	09/26/07 11:00
Dance Hall	0709492-03	Water	09/26/07 10:40	09/26/07 11:00
Tirador	0709492-04	Water	09/26/07 10:20	09/26/07 11:00

#### **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.



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly
Project Manager: Pierre Dreher

Reported:

10/04/07 11:15

### Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Note
Well SJBA2 (0709492-01) Water	Sampled: 09/26/07 09	:30 Rece	ived: 09/26/	07 11:00	'				
Plate Count (1 ml) Total Coliforms	1 Absent	1.0	CFU/mL CFU/100 mL	1	B7I2619	09/26/07	09/26/07 11:15	SM 9215B SM 9222B	
Well SJBA4 (0709492-02) Water	r Sampled: 09/26/07 09	:50 Rece	ived: 09/26/	07 11:00					
Plate Count (1 ml) Total Coliforms	<1 Absent	1.0	CFU/mL CFU/100 mL	1	B7I2619	09/26/07	09/26/07 11:15	SM 9215B SM 9222B	
Dance Hall (0709492-03) Water	Sampled: 09/26/07 10:4	40 Receiv	ved: 09/26/0	7 11:00					
Plate Count (1 ml) Total Coliforms	73 Absent	1	CFU/mL CFU/100 mL	1	B7I2619 "	09/26/07	09/26/07 11:15	SM 9215B SM 9222B	
Tirador (0709492-04) Water S	ampled: 09/26/07 10:20	Received	: 09/26/07 1	1:00					
<b>Plate Count (1 ml)</b> Total Coliforms	2 Absent	1.0	CFU/mL CFU/100 mL	1	B7I2619	09/26/07	09/26/07 11:15	SM 9215B SM 9222B	



Project: NA

32470 Paseo Adelanto

Project Number: Wells Quarterly Project Manager: Pierre Dreher

San Juan Capistrano CA, 92675

Reported: 10/04/07 11:15

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
Well SJBA2 (0709492-01) Water	Sampled: 09/26/07 0	9:30 Rece	ived: 09/26/	07 11:00	<u>-</u>				
Total Alkalinity	240	0.400	mg/L	1.	B7J0306	09/26/07	09/26/07 14:	23 EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	**		11	ņ	п	
Bicarbonate Alkalinity	240	0.400	**	II .		Ħ	n	и	
Hydroxide Alkalinity	ND	0.400	II.	п	11	II .	11	II.	
Chloride	270	0.500	и .	11 -	11	U	. "	SM 4500-Cl- B	
Specific Conductance (EC)	2470	0.100	μmhos/cm	"	. #	n	11	EPA 120.1	
Fluoride	0.680	0.0200	mg/L	Ħ	н	n	**	EPA 340.1	
Total Hardness	922	0.400	**	u	н .	**	u	SM 2340	
Methylene Blue Active Substances	ND	0.100	n	11	**	n	ú	EPA 425.1	
pH	7.20	0.100	pH Units	11	11	U	n	EPA 150.1	
Sulfate as SO4	702	0.500	mg/L	11	. 77	4 H	n	EPA 375.4	
Total Dissolved Solids	1660	1.00	"	"			ıt	EPA 160.1	
Well SJBA4 (0709492-02) Water	Sampled: 09/26/07 0	9:50 Rece	ived: 09/26/	07 11:00					
Total Alkalinity	256	0.400	mg/L	1	B7J0306	09/26/07	.09/26/07 14:	23 EPA 310.1	
Carbonate Alkalinity	ND	0.400	11	II .	11	11	u	II .	
Bicarbonate Alkalinity	256	0.400	11	H	n	u '	II .	u .	
Hydroxide Alkalinity	ND	0.400	II .	. 11	н	n	n	n ,	
Chloride	298	0.500	11	Ħ	Ħ	n	11	SM 4500-Cl- B	
Specific Conductance (EC)	2860	0.100	μmhos/cm	11	"	n	#	EPA 120.1	
Fluoride	0.780	0.0200	mg/L	lt .	n	Ħ	Ħ	EPA 340.1	
Total Hardness	966	0.400	11	II	11	'n	и .	SM 2340	
Methylene Blue Active Substances	. ND	0.100	n	ш	11	11	п	EPA 425.1	
pH	7.10	0.100	pH Units	n	n	11	II	EPA 150.1	
Sulfate as SO4	784	0.500	mg/L	11	"	11	11	EPA 375.4	
Total Dissolved Solids	1860	1.00	11	n	"	п	n	EPA 160.1	



32470 Paseo Adelanto

San Juan Capistrano CA, 92675

Project: NA

Project Number: Wells Quarterly Project Manager: Pierre Dreher

Reported: 10/04/07 11:15

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0709492-03) Water	Sampled: 09/26/07 10	40 Receiv	ed: 09/26/0	7 11:00					
Total Alkalinity	288	0.400	mg/L	1	B7J0306	09/26/07	09/26/07 14:2	23 EPA 310.1	
Carbonate Alkalinity	ND	0.400	n	n	. 0	**	**		
Bicarbonate Alkalinity	288	0.400	n	11	n		•	. "	
Hydroxide Alkalinity	ND	0.400	11	**	11	Ħ	11	Ħ	
Chloride	281	0.500	u .	**	tt .	п	н	SM 4500-Cl- B	
Specific Conductance (EC)	3020	0.100	μmhos/cm	**	11	ш	"	EPA 120.1	
Fluoride	0.820	0.0200	mg/L	**	tt	n	п	EPA 340.1	
Total Hardness	1090	0.400	n		11		11	SM 2340	
Methylene Blue Active Substances	· ND	0.100	11	11	H	11	"	EPA 425.1	
pH .	7.10	0.100	pH Units	Ħ	н .	#	Ħ	EPA 150.1	
Sulfate as SO4	. 860	0.500	mg/L	**	11	tt		EPA 375.4	
Total Dissolved Solids	2030	1.00	n	11	11	н .	17	EPA 160.1	
Tirador (0709492-04) Water San	npled: 09/26/07 10:20	Received:	09/26/07 1	1:00					
Total Alkalinity	318	0.400	mg/L	1	B7J0306	09/26/07	09/26/07 14:2	23 EPA 310.1	
Carbonate Alkalinity	ND	0.400		11	Ħ	11	п	n	
Bicarbonate Alkalinity	318	0.400	11	II	11	11	и .		
Hydroxide Alkalinity	ND	0.400	11	. 11	II	II	n	U	
Chloride	296	0.500	"	11	II	u	н	SM 4500-CI- B	
Specific Conductance (EC)	3460	0.100	μmhos/cm	11	n	n	11	EPA 120.1	
	0.960	0.0200	mg/L	11	n	11	11	EPA 340.1	
Fluoride			. 11	**	11	"	. "	SM 2340	
Fluoride Total Hardness	1150	0.400							
	1150 ND	0.400 0.100		"	II.	n	**	EPA 425.1	
Total Hardness				n 11	11	"	11	EPA 425.1 EPA 150.1	
Total Hardness Methylene Blue Active Substances	ND	0.100			· ·				