



Capistrano Valley Water District 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Dance Hall Well Project Number: MTBE Testing Project Manager: Eric Bauman	Reported: 04/18/08 16:04
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Fuel Oxygenates by EPA 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DHW (0804338-01) Water									MF
Sampled: 04/17/08 08:30 Received: 04/17/08 15:00									
Methyl tert-butyl ether	1.0	0.50	µg/L	1	B8D1713	04/17/08	04/18/08 08:43	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethanol	ND	50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		111 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	86-115		"	"	"	"	

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Capistrano Valley Water District 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Dance Hall Well Project Number: MTBE Testing Project Manager: Eric Bauman	Reported: 04/18/08 16:04
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8D1711 - EPA 5030B P & T										
Blank (B8D1711-BLK1)										
Prepared & Analyzed: 04/17/08										
Trichloroethene	ND	1.0	µg/L							
Tetrachloroethene	ND	1.0	"							
Surrogate: Dibromofluoromethane	46.9		"	50.0		93.8	86-118			
Surrogate: Toluene-d8	44.5		"	50.0		89.0	88-110			
Surrogate: 4-Bromofluorobenzene	53.2		"	50.0		106	86-115			
LCS (B8D1711-BS1)										
Prepared & Analyzed: 04/17/08										
Trichloroethene	46.9	1.0	µg/L	50.0		93.8	80-120			
Chlorobenzene	44.4	1.0	"	50.0		88.8	80-120			
1,1-Dichloroethene	45.7	1.0	"	50.0		91.4	80-120			
Matrix Spike (B8D1711-MS1)										
Source: 0804338-01										
Prepared & Analyzed: 04/17/08										
Trichloroethene	54.3	1.0	µg/L	50.0	ND	109	71-157			
Chlorobenzene	47.5	1.0	"	50.0	ND	95.0	37-160			
1,1-Dichloroethene	45.4	1.0	"	50.0	ND	90.8	50-150			
Matrix Spike Dup (B8D1711-MSD1)										
Source: 0804338-01										
Prepared & Analyzed: 04/17/08										
Trichloroethene	47.9	1.0	µg/L	50.0	ND	95.8	71-157	12.5	30	
Chlorobenzene	44.0	1.0	"	50.0	ND	88.0	37-160	7.65	30	
1,1-Dichloroethene	40.8	1.0	"	50.0	ND	81.6	50-150	10.7	30	

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Capistrano Valley Water District 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: Dance Hall Well Project Number: MTBE Testing Project Manager: Eric Bauman	Reported: 04/18/08 16:04
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Fuel Oxygenates by EPA 8260B (SIM - Selective Ion Mode) - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B8D1713 - EPA 5030B P & T

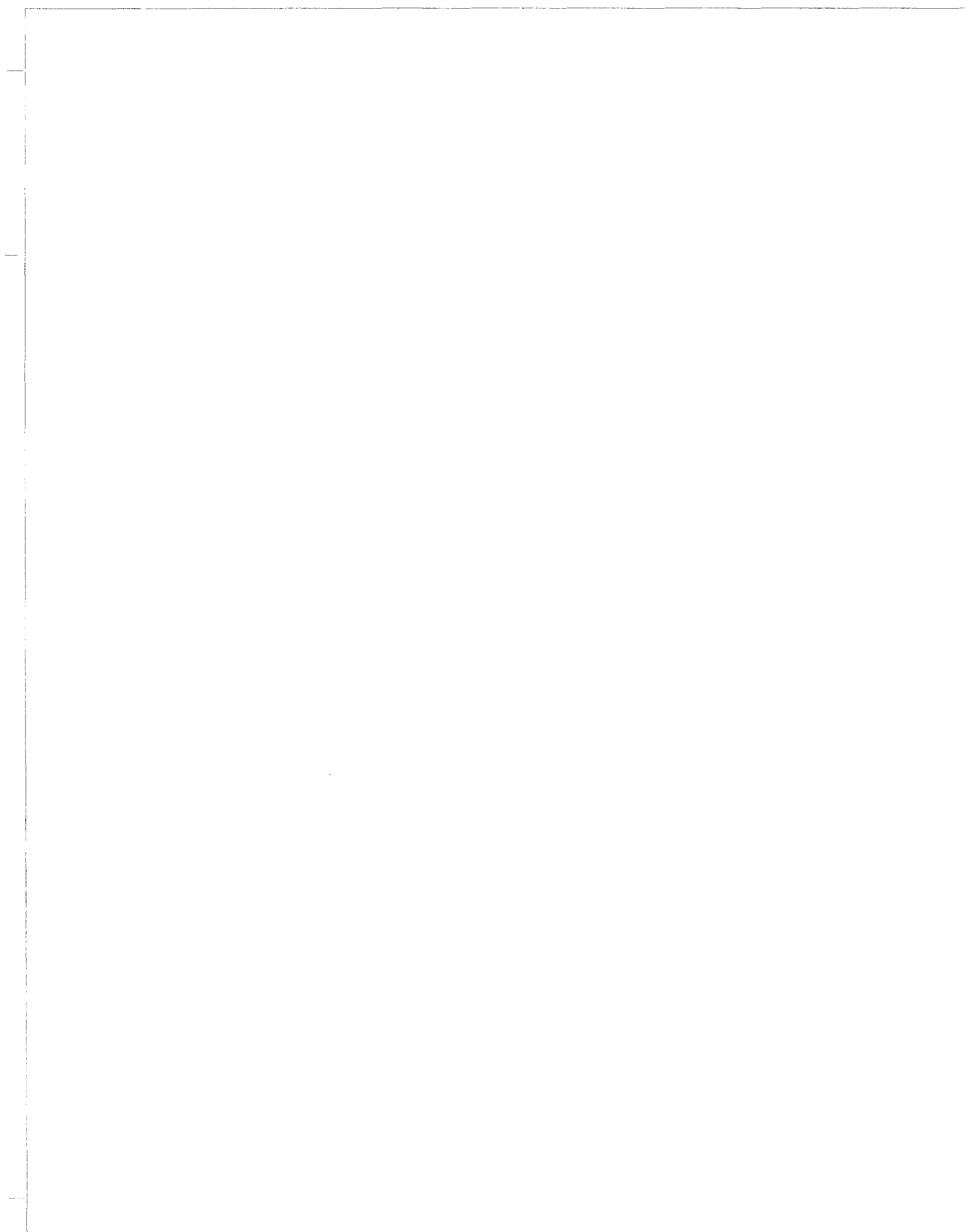
Blank (B8D1713-BLK1)									
					Prepared: 04/17/08 Analyzed: 04/18/08				
Methyl tert-butyl ether	ND	0.50	µg/L						
Di-isopropyl ether	ND	1.0	"						
Ethanol	ND	50	"						
Ethyl tert-butyl ether	ND	1.0	"						
Tert-amyl methyl ether	ND	1.0	"						
Tert-butyl alcohol	ND	1.0	"						
<i>Surrogate: Dibromofluoromethane</i>	50.1		"	50.0		100	86-118		
<i>Surrogate: Toluene-d8</i>	49.7		"	50.0		99.4	88-110		
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0		"	50.0		100	86-115		

LCS (B8D1713-BS1)									
					Prepared: 04/17/08 Analyzed: 04/18/08				
Methyl tert-butyl ether	42.2	0.50	µg/L	50.0		84.4	80-120		

Matrix Spike (B8D1713-MS1)									
		Source: 0804338-01			Prepared: 04/17/08 Analyzed: 04/18/08				
Methyl tert-butyl ether	41.5	0.50	µg/L	50.0	1.0	81.0	37-160		

Matrix Spike Dup (B8D1713-MSD1)									
		Source: 0804338-01			Prepared: 04/17/08 Analyzed: 04/18/08				
Methyl tert-butyl ether	37.2	0.50	µg/L	50.0	1.0	72.4	37-160	10.9	30

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Capistrano Valley Water District
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: MTBE Sampling
Project Manager: Eric Bauman

Reported:
09/18/08 11:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Dance Hall	0809291-01	Water	09/17/08 08:00	09/17/08 13:55

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.

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.



Capistrano Valley Water District
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: MTBE Sampling
 Project Manager: Eric Bauman

Reported:
 09/18/08 11:58

Fuel Oxygenates by EPA 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0809291-01) Water Sampled: 09/17/08 08:00 Received: 09/17/08 13:55									
Methyl tert-butyl ether	1.2	1.0	µg/L	1	B811709	09/17/08	09/18/08 09:47	EPA 8260B	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		105 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		104 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	86-115		"	"	"	"	

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Capistrano Valley Water District 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Sampling Project Manager: Eric Bauman	Reported: 09/18/08 11:58
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Fuel Oxygenates by EPA 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8I1709 - EPA 5030B P & T

Blank (B8I1709-BLK1)

Prepared & Analyzed: 09/17/08

Methyl tert-butyl ether	ND	1.0	µg/L							
Di-isopropyl ether	ND	1.0	"							
Ethyl tert-butyl ether	ND	1.0	"							
Tert-amyl methyl ether	ND	1.0	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate: Dibromofluoromethane	52.8		"	50.0		106	86-118			
Surrogate: Toluene-d8	51.7		"	50.0		103	88-110			
Surrogate: 4-Bromofluorobenzene	50.7		"	50.0		101	86-115			

LCS (B8I1709-BS1)

Prepared & Analyzed: 09/17/08

Methyl tert-butyl ether	53.9	1.0	µg/L	50.0		108	80-120			
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Matrix Spike (B8I1709-MS1)

Source: 0809230-01

Prepared & Analyzed: 09/17/08

Methyl tert-butyl ether	51.5	1.0	µg/L	50.0	ND	103	37-160			
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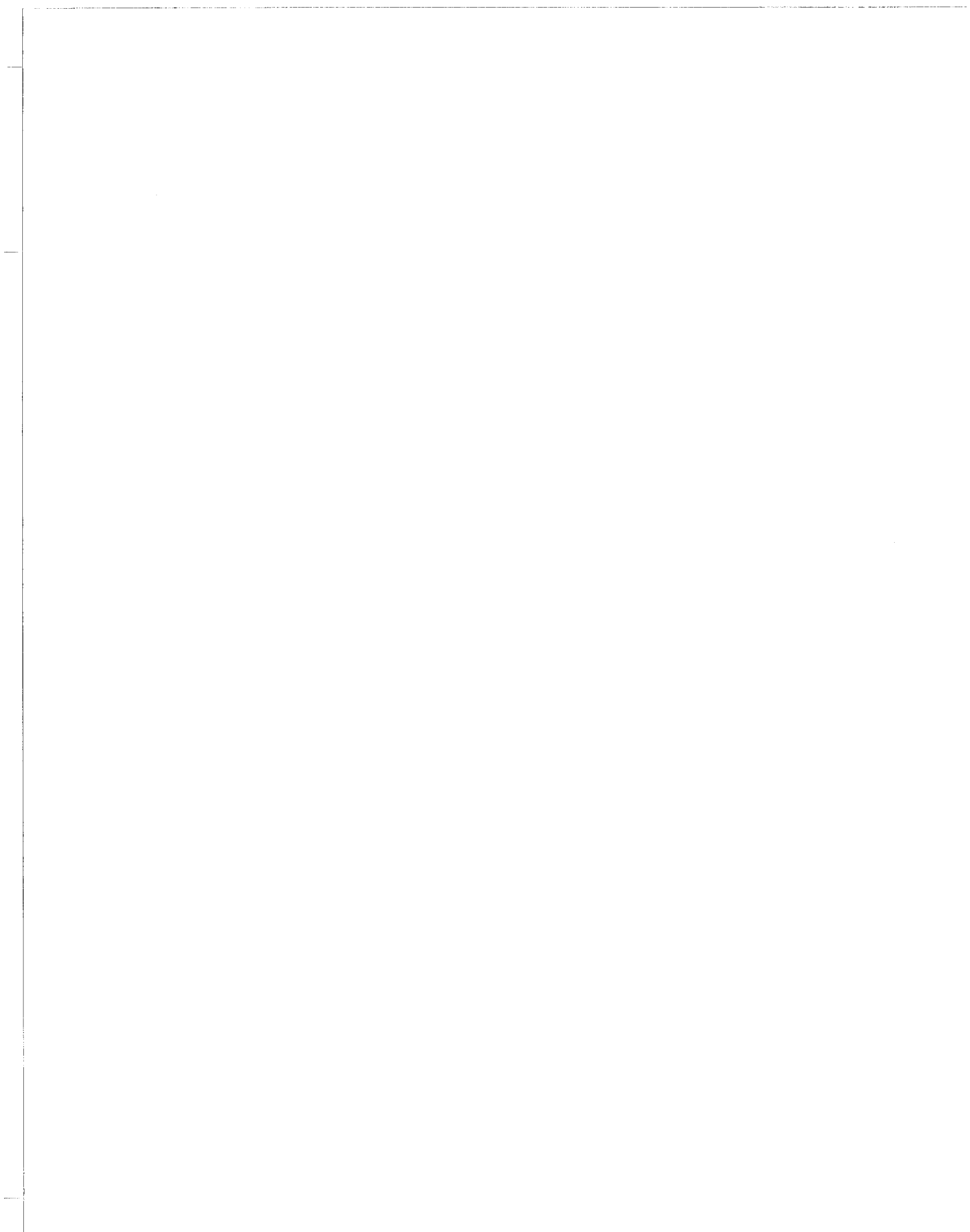
Matrix Spike Dup (B8I1709-MSD1)

Source: 0809230-01

Prepared & Analyzed: 09/17/08

Methyl tert-butyl ether	62.4	1.0	µg/L	50.0	ND	125	37-160	19.1	30	
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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: [none]
Project Manager: Eric Bauman

Reported:
11/05/08 16:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita	0810604-01	Water	10/31/08 09:15	10/31/08 14:25
Dance Hall	0810604-02	Water	10/31/08 08:00	10/31/08 14:25

CASE NARRATIVE

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

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: [none] Project Manager: Eric Bauman	Reported: 11/05/08 16:50
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Fuel Oxygenates by EPA 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita (0810604-01) Water Sampled: 10/31/08 09:15 Received: 10/31/08 14:25									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B8K0330	11/03/08	11/03/08 12:17	EPA 8260B	
Surrogate: Dibromofluoromethane		97.8 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		110 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	86-115		"	"	"	"	
Dance Hall (0810604-02) Water Sampled: 10/31/08 08:00 Received: 10/31/08 14:25									
Methyl tert-butyl ether	1.5	1.0	µg/L	1	B8K0330	11/03/08	11/03/08 12:17	EPA 8260B	
Surrogate: Dibromofluoromethane		98.2 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		103 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: [none] Project Manager: Eric Bauman	Reported: 11/05/08 16:50
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Fuel Oxygenates by EPA 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8K0330 - EPA 5030B P & T

Blank (B8K0330-BLK1)

Prepared & Analyzed: 11/03/08

Methyl tert-butyl ether	ND	1.0	µg/L							
Surrogate: Dibromofluoromethane	49.2		"	50.0		98.4	86-118			
Surrogate: Toluene-d8	54.7		"	50.0		109	88-110			
Surrogate: 4-Bromofluorobenzene	53.6		"	50.0		107	86-115			

LCS (B8K0330-BS1)

Prepared & Analyzed: 11/03/08

Methyl tert-butyl ether	56.3	1.0	µg/L	50.0		113	80-120			
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Matrix Spike (B8K0330-MS1)

Source: 0810604-02

Prepared & Analyzed: 11/03/08

Methyl tert-butyl ether	49.8	1.0	µg/L	50.0	1.5	96.6	37-160			
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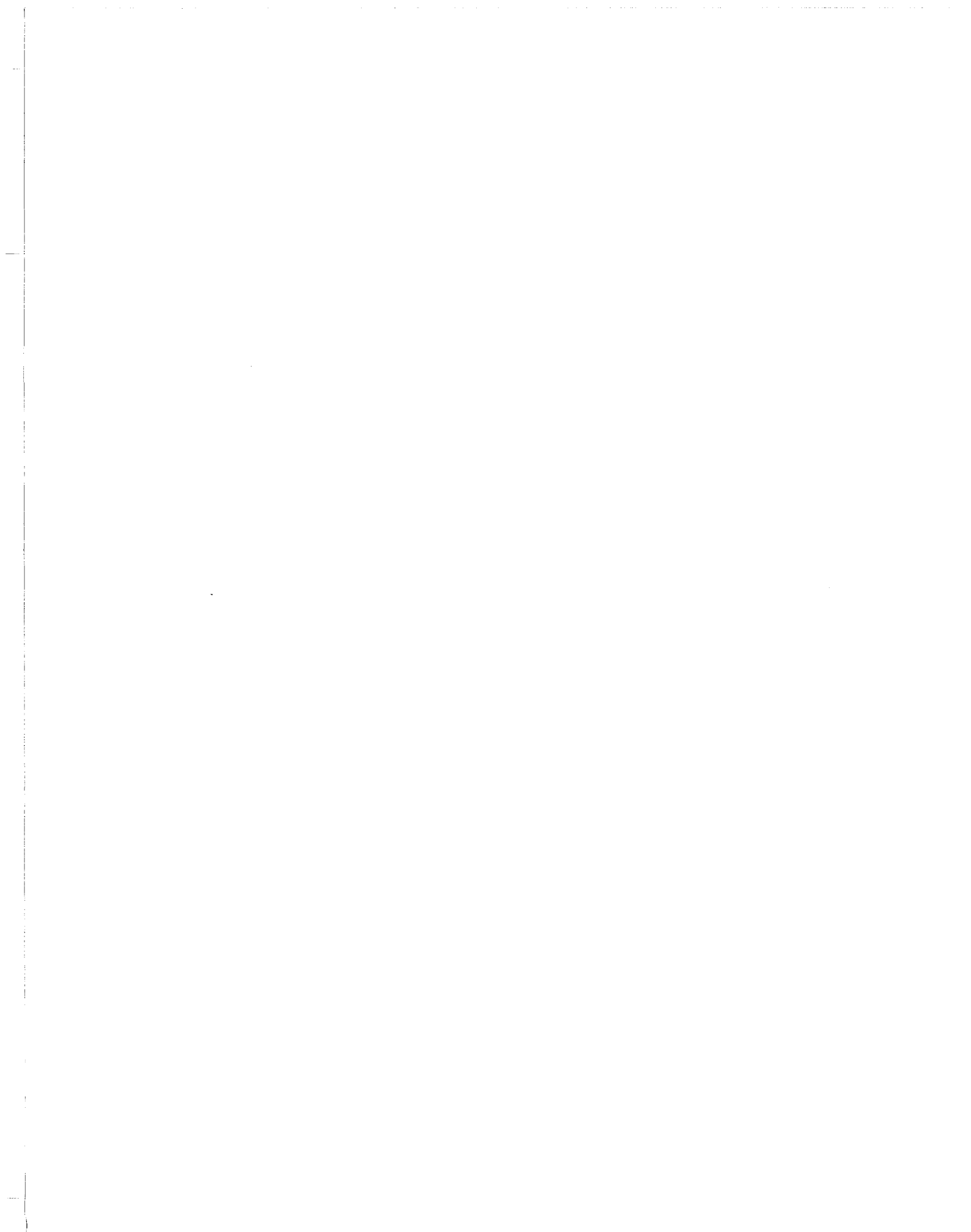
Matrix Spike Dup (B8K0330-MSD1)

Source: 0810604-02

Prepared & Analyzed: 11/03/08

Methyl tert-butyl ether	52.8	1.0	µg/L	50.0	1.5	103	37-160	5.85	30	
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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: [none]
Project Manager: West Curry

Reported:
12/18/08 09:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Tirador	0812290-01	Water	12/11/08 09:15	12/11/08 15:39
SJBA-4	0812290-02	Water	12/11/08 09:30	12/11/08 15:39
CVWD-1	0812290-03	Water	12/11/08 09:40	12/11/08 15:39
SJBA-2	0812290-04	Water	12/11/08 09:50	12/11/08 15:39
Kinoshita	0812290-05	Water	12/11/08 10:00	12/11/08 15:39
Dance Hall	0812290-06	Water	12/11/08 10:10	12/11/08 15:39

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.
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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: [none] Project Manager: West Curry	Reported: 12/18/08 09:09
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Fuel Oxygenates by EPA 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Tirador (0812290-01) Water Sampled: 12/11/08 09:15 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B8L1209	12/12/08	12/12/08 12:59	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		103 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	86-115		"	"	"	"	
SJBA-4 (0812290-02) Water Sampled: 12/11/08 09:30 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B8L1209	12/12/08	12/12/08 12:59	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		105 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	86-115		"	"	"	"	
CVWD-1 (0812290-03) Water Sampled: 12/11/08 09:40 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B8L1209	12/12/08	12/12/08 12:59	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		106 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.0 %	86-115		"	"	"	"	
SJBA-2 (0812290-04) Water Sampled: 12/11/08 09:50 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B8L1209	12/12/08	12/12/08 12:59	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		110 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	86-115		"	"	"	"	
Kinoshita (0812290-05) Water Sampled: 12/11/08 10:00 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B8L1209	12/12/08	12/12/08 12:59	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		111 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.4 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: [none]
Project Manager: West Curry

Reported:
12/18/08 09:09

Fuel Oxygenates by EPA 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0812290-06) Water Sampled: 12/11/08 10:10 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	1.0	µg/L	1	B8L1209	12/12/08	12/12/08 12:59	EPA 8260B	
Surrogate: Dibromofluoromethane		109 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		101 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: [none] Project Manager: West Curry	Reported: 12/18/08 09:09
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Tirador (0812290-01) Water Sampled: 12/11/08 09:15 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1728	12/16/08	12/17/08 15:41	EPA 8260B	
Surrogate: Dibromofluoromethane		104 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		94.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.6 %	86-115		"	"	"	"	
SJBA-4 (0812290-02) Water Sampled: 12/11/08 09:30 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1728	12/16/08	12/17/08 15:41	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.4 %	86-115		"	"	"	"	
CVWD-1 (0812290-03) Water Sampled: 12/11/08 09:40 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1728	12/16/08	12/17/08 15:41	EPA 8260B	
Surrogate: Dibromofluoromethane		107 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.4 %	86-115		"	"	"	"	
SJBA-2 (0812290-04) Water Sampled: 12/11/08 09:50 Received: 12/11/08 15:39									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1728	12/16/08	12/17/08 15:41	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	86-115		"	"	"	"	
Kinoshita (0812290-05) Water Sampled: 12/11/08 10:00 Received: 12/11/08 15:39									
Methyl tert-butyl ether	0.82	0.50	µg/L	1	B8L1728	12/16/08	12/17/08 15:41	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.6 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: [none] Project Manager: West Curry	Reported: 12/18/08 09:09
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Dance Hall (0812290-06) Water **Sampled: 12/11/08 10:10** **Received: 12/11/08 15:39**

Methyl tert-butyl ether	1.3	0.50	µg/L	1	B8L1728	12/16/08	12/17/08 15:41	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		<i>108 %</i>	<i>86-118</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>95.6 %</i>	<i>88-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>92.0 %</i>	<i>86-115</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: [none]
 Project Manager: West Curry

Reported:
 12/18/08 09:09

Fuel Oxygenates by EPA 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8L1209 - EPA 5030B P & T

Blank (B8L1209-BLK1)

Prepared & Analyzed: 12/12/08

Methyl tert-butyl ether	ND	1.0	µg/L							
Surrogate: Dibromofluoromethane	51.9		"	50.0		104	86-118			
Surrogate: Toluene-d8	50.0		"	50.0		100	88-110			
Surrogate: 4-Bromofluorobenzene	50.0		"	50.0		100	86-115			

LCS (B8L1209-BS1)

Prepared & Analyzed: 12/12/08

Methyl tert-butyl ether	51.5	1.0	µg/L	50.0		103	80-120			
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Matrix Spike (B8L1209-MS1)

Source: 0812290-06

Prepared & Analyzed: 12/12/08

Methyl tert-butyl ether	46.8	1.0	µg/L	50.0	ND	93.6	37-160			
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Matrix Spike Dup (B8L1209-MSD1)

Source: 0812290-06

Prepared & Analyzed: 12/12/08

Methyl tert-butyl ether	54.5	1.0	µg/L	50.0	ND	109	37-160	15.2	30	
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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: [none]
 Project Manager: West Curry

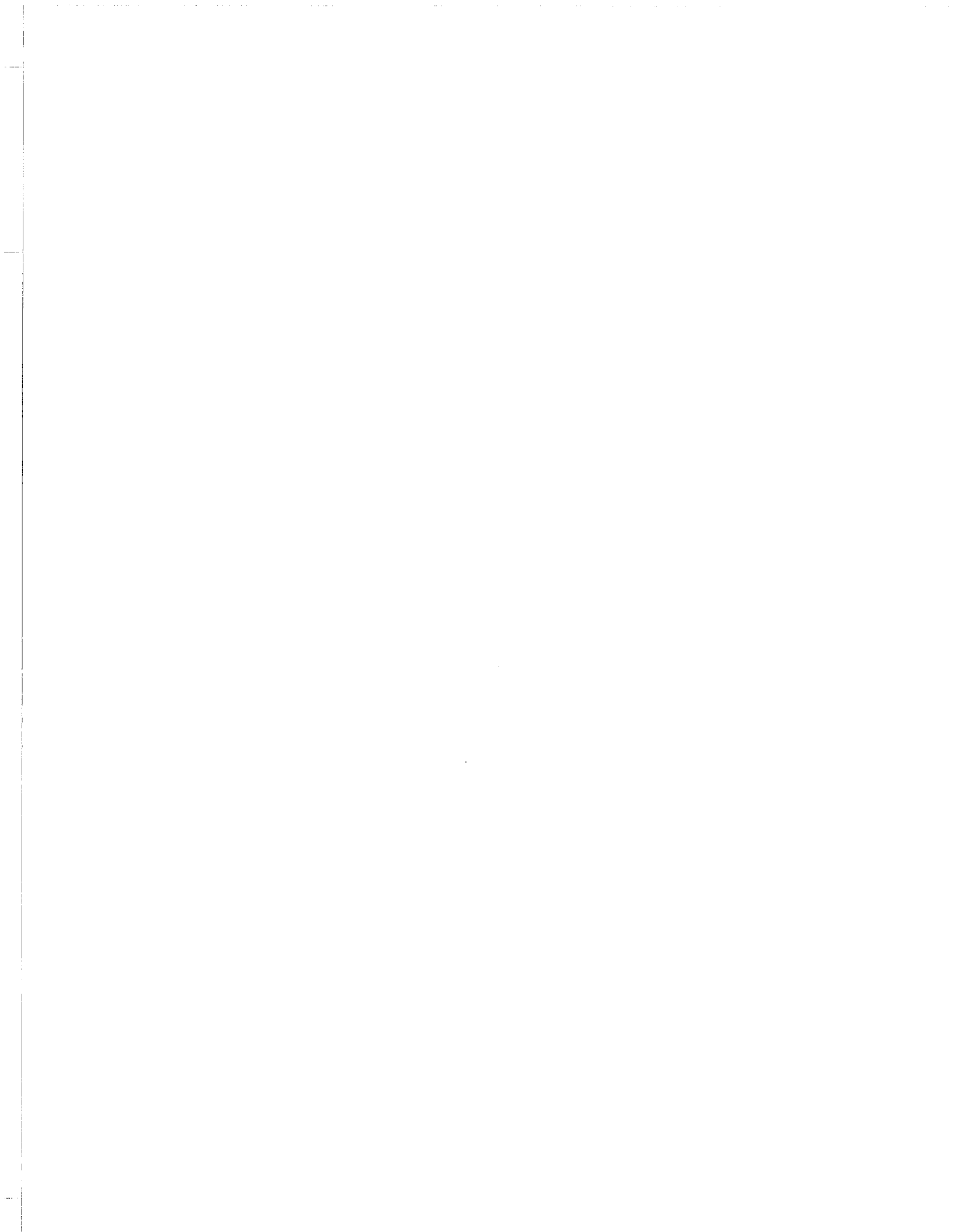
Reported:
 12/18/08 09:09

MTBE by EPA Method 8260B (SIM - Selective Ion Mode) - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8L1728 - EPA 5030B P & T										
Blank (B8L1728-BLK1)										
Prepared: 12/16/08 Analyzed: 12/17/08										
Methyl tert-butyl ether	ND	0.50	µg/L							
Surrogate: Dibromofluoromethane	52.0		"	50.0		104	86-118			
Surrogate: Toluene-d8	47.4		"	50.0		94.8	88-110			
Surrogate: 4-Bromofluorobenzene	46.4		"	50.0		92.8	86-115			
LCS (B8L1728-BS1)										
Prepared: 12/16/08 Analyzed: 12/17/08										
Methyl tert-butyl ether	42.4	0.50	µg/L	50.0		84.8	80-120			
Matrix Spike (B8L1728-MS1)										
Source: 0812290-01 Prepared: 12/16/08 Analyzed: 12/17/08										
Methyl tert-butyl ether	42.2	0.50	µg/L	50.0	ND	84.4	37-160			
Matrix Spike Dup (B8L1728-MSD1)										
Source: 0812290-01 Prepared: 12/16/08 Analyzed: 12/17/08										
Methyl tert-butyl ether	41.6	0.50	µg/L	50.0	ND	83.2	37-160	1.43	30	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Waste Water Discharge Project Manager: West Curry	Reported: 12/22/08 15:27
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0812098-01	Water	12/04/08 11:45	12/04/08 15:30
SJBA #2 (PSCode 3010120-002)	0812098-02	Water	12/04/08 10:40	12/04/08 15:30
SJBA #4 (PSCode 3010120-003)	0812098-03	Water	12/04/08 10:50	12/04/08 15:30
CVWD #1 (PSCode 3010120-004)	0812098-04	Water	12/04/08 10:30	12/04/08 15:30
Dance Hall (PSCode 3010120-005)	0812098-05	Water	12/04/08 12:10	12/04/08 15:30
Tirador (PSCode 3010120-006)	0812098-06	Water	12/04/08 11:00	12/04/08 15:30

CASE NARRATIVE

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

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: Waste Water Discharge
Project Manager: West Curry

Reported:
12/22/08 15:27

Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Kinoshita Well (PSCode 3010120-001) (0812098-01) Water Sampled: 12/04/08 11:45 Received: 12/04/08 15:30									
Nitrite as N	ND	0.0200	mg/L	1	B8L0812	12/04/08	12/04/08 16:36	M4500-NO2B	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: Waste Water Discharge
Project Manager: West Curry

Reported:
12/22/08 15:27

Anions by EPA Method 300.0

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0812098-01) Water Sampled: 12/04/08 11:45 Received: 12/04/08 15:30									
Nitrate as NO3	4.90	0.100	mg/L	1	B8L0812	12/04/08	12/04/08 16:30	EPA 300.0	
SJBA #2 (PSCode 3010120-002) (0812098-02) Water Sampled: 12/04/08 10:40 Received: 12/04/08 15:30									
Nitrate as N	4.45	0.0200	mg/L	1	B8L0812	12/04/08	12/04/08 16:30	EPA 300.0	
SJBA #4 (PSCode 3010120-003) (0812098-03) Water Sampled: 12/04/08 10:50 Received: 12/04/08 15:30									
Nitrate as N	4.00	0.0200	mg/L	1	B8L0812	12/04/08	12/04/08 16:30	EPA 300.0	
CVWD #1 (PSCode 3010120-004) (0812098-04) Water Sampled: 12/04/08 10:30 Received: 12/04/08 15:30									
Nitrate as N	3.56	0.0200	mg/L	1	B8L0812	12/04/08	12/04/08 16:30	EPA 300.0	
Dance Hall (PSCode 3010120-005) (0812098-05) Water Sampled: 12/04/08 12:10 Received: 12/04/08 15:30									
Nitrate as N	6.23	0.0200	mg/L	1	B8L0812	12/04/08	12/04/08 16:30	EPA 300.0	
Tirador (PSCode 3010120-006) (0812098-06) Water Sampled: 12/04/08 11:00 Received: 12/04/08 15:30									
Nitrate as N	5.79	0.0200	mg/L	1	B8L0812	12/04/08	12/04/08 16:30	EPA 300.0	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Waste Water Discharge Project Manager: West Curry	Reported: 12/22/08 15:27
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Volatile Organic Compounds by EPA Method 524.2

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0812098-01) Water Sampled: 12/04/08 11:45 Received: 12/04/08 15:30									
Benzene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.500	"	"	"	"	"	"	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.500	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	0.500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Waste Water Discharge Project Manager: West Curry	Reported: 12/22/08 15:27
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Volatile Organic Compounds by EPA Method 524.2

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0812098-01) Water Sampled: 12/04/08 11:45 Received: 12/04/08 15:30									
p-Isopropyltoluene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Methylene chloride	ND	0.500	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		102 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		105 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Waste Water Discharge Project Manager: West Curry	Reported: 12/22/08 15:27
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Volatile Organic Compounds by EPA Method 524.2

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #2 (PSCode 3010120-002) (0812098-02) Water Sampled: 12/04/08 10:40 Received: 12/04/08 15:30									
Benzene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.500	"	"	"	"	"	"	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.500	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	0.500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Waste Water Discharge Project Manager: West Curry	Reported: 12/22/08 15:27
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Volatile Organic Compounds by EPA Method 524.2

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
SJBA #2 (PSCode 3010120-002) (0812098-02) Water Sampled: 12/04/08 10:40 Received: 12/04/08 15:30									
p-Isopropyltoluene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Methylene chloride	ND	0.500	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		104 %		86-118	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %		88-110	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.4 %		86-115	"	"	"	"	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Waste Water Discharge
 Project Manager: West Curry

Reported:
 12/22/08 15:27

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 (PSCode 3010120-003) (0812098-03) Water									
Sampled: 12/04/08 10:50 Received: 12/04/08 15:30									
Benzene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.500	"	"	"	"	"	"	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.500	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	0.500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Waste Water Discharge
 Project Manager: West Curry

Reported:
 12/22/08 15:27

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 (PSCode 3010120-003) (0812098-03) Water Sampled: 12/04/08 10:50 Received: 12/04/08 15:30									
p-Isopropyltoluene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Methylene chloride	ND	0.500	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		105 %		86-118	"	"	"	"	
Surrogate: Toluene-d8		104 %		88-110	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		86-115	"	"	"	"	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Waste Water Discharge
 Project Manager: West Curry

Reported:
 12/22/08 15:27

Volatile Organic Compounds by EPA Method 524.2

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (PSCode 3010120-005) (0812098-05) Water Sampled: 12/04/08 12:10 Received: 12/04/08 15:30									
Benzene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.500	"	"	"	"	"	"	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.500	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	0.500	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Di-isopropyl ether	ND	3.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Waste Water Discharge Project Manager: West Curry	Reported: 12/22/08 15:27
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Volatile Organic Compounds by EPA Method 524.2

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (PSCode 3010120-005) (0812098-05) Water									
Sampled: 12/04/08 12:10 Received: 12/04/08 15:30									
p-Isopropyltoluene	ND	0.500	µg/L	1	B8L0905	12/08/08	12/08/08 11:49	EPA 524.2	
Methylene chloride	ND	0.500	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	3.00	"	"	"	"	"	"	
Naphthalene	ND	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	3.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	0.500	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		105 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Waste Water Discharge
 Project Manager: West Curry

Reported:
 12/22/08 15:27

MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0812098-01) Water Sampled: 12/04/08 11:45 Received: 12/04/08 15:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1921	12/18/08	12/18/08 09:47	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.4 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0812098-02) Water Sampled: 12/04/08 10:40 Received: 12/04/08 15:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1921	12/18/08	12/18/08 09:47	EPA 8260B	
Surrogate: Dibromofluoromethane		107 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.2 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0812098-03) Water Sampled: 12/04/08 10:50 Received: 12/04/08 15:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1921	12/18/08	12/18/08 09:47	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.2 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0812098-05) Water Sampled: 12/04/08 12:10 Received: 12/04/08 15:30									
Methyl tert-butyl ether	1.0	0.50	µg/L	1	B8L1921	12/18/08	12/18/08 09:47	EPA 8260B	
Surrogate: Dibromofluoromethane		110 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.8 %	86-115		"	"	"	"	
Tirador (PSCode 3010120-006) (0812098-06) Water Sampled: 12/04/08 11:00 Received: 12/04/08 15:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B8L1921	12/18/08	12/18/08 09:47	EPA 8260B	
Surrogate: Dibromofluoromethane		109 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.8 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Waste Water Discharge
 Project Manager: West Curry

Reported:
 12/22/08 15:27

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8L0905 - EPA 500 Series

Blank (B8L0905-BLK1)

Prepared & Analyzed: 12/08/08

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

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Waste Water Discharge
 Project Manager: West Curry

Reported:
 12/22/08 15:27

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8L0905 - EPA 500 Series

Blank (B8L0905-BLK1)

Prepared & Analyzed: 12/08/08

Ethylbenzene	ND	0.500	µg/L							
Hexachlorobutadiene	ND	0.500	"							
Isopropylbenzene	ND	0.500	"							
p-Isopropyltoluene	ND	0.500	"							
Methylene chloride	ND	0.500	"							
Methyl isobutyl ketone	ND	5.00	"							
Methyl tert-butyl ether	ND	3.00	"							
Naphthalene	ND	0.500	"							
n-Propylbenzene	ND	0.500	"							
Styrene	ND	0.500	"							
Tert-amyl methyl ether	ND	3.00	"							
Tert-butyl alcohol	ND	2.00	"							
1,1,1,2-Tetrachloroethane	ND	0.500	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
Toluene	ND	0.500	"							
1,2,3-Trichlorobenzene	ND	0.500	"							
1,2,4-Trichlorobenzene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	5.00	"							
1,1,2-Trichlorotrifluoroethane	ND	10.0	"							
1,2,3-Trichloropropane	ND	0.500	"							
1,2,4-Trimethylbenzene	ND	0.500	"							
1,3,5-Trimethylbenzene	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
m,p-Xylene	ND	0.500	"							
o-Xylene	ND	0.500	"							
Surrogate: Dibromofluoromethane	53.3		"	50.0		107	86-118			
Surrogate: Toluene-d8	52.6		"	50.0		105	88-110			
Surrogate: 4-Bromofluorobenzene	51.3		"	50.0		103	86-115			

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Waste Water Discharge
 Project Manager: West Curry

Reported:
 12/22/08 15:27

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8L0905 - EPA 500 Series

LCS (B8L0905-BS1)

Prepared & Analyzed: 12/08/08

Benzene	25.4	0.500	µg/L	25.0		102	80-120			
Chlorobenzene	25.4	0.500	"	25.0		102	80-120			
1,1-Dichloroethene	23.3	0.500	"	25.0		93.2	80-120			
Toluene	26.6	0.500	"	25.0		106	80-120			
Trichloroethene	27.7	0.500	"	25.0		111	80-120			

Duplicate (B8L0905-DUP1)

Source: 0812098-01

Prepared & Analyzed: 12/08/08

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

Matrix Spike (B8L0905-MS1)

Source: 0812098-01

Prepared & Analyzed: 12/08/08

Benzene	24.9	0.500	µg/L	25.0	ND	99.6	37-151			
Chlorobenzene	25.6	0.500	"	25.0	ND	102	37-160			
1,1-Dichloroethene	26.2	0.500	"	25.0	ND	105	50-150			
Toluene	24.8	0.500	"	25.0	ND	99.2	47-150			
Trichloroethene	28.0	0.500	"	25.0	ND	112	71-157			

Matrix Spike Dup (B8L0905-MSD1)

Source: 0812098-01

Prepared & Analyzed: 12/08/08

Benzene	21.3	0.500	µg/L	25.0	ND	85.2	37-151	15.6	30	
Chlorobenzene	21.3	0.500	"	25.0	ND	85.2	37-160	18.3	30	
1,1-Dichloroethene	23.5	0.500	"	25.0	ND	94.0	50-150	10.9	30	
Toluene	20.8	0.500	"	25.0	ND	83.2	47-150	17.5	30	
Trichloroethene	22.3	0.500	"	25.0	ND	89.2	71-157	22.7	30	

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



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Waste Water Discharge Project Manager: West Curry	Reported: 12/22/08 15:27
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode) - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC Limits	RPD	RPD Limit	Notes
Batch B8L1921 - EPA 5030B P & T										
Blank (B8L1921-BLK1)										
					Prepared: 12/19/08 Analyzed: 12/22/08					
Methyl tert-butyl ether	ND	0.50	µg/L							
<i>Surrogate: Dibromofluoromethane</i>	56.4		"	50.0		113	86-118			
<i>Surrogate: Toluene-d8</i>	47.9		"	50.0		95.8	88-110			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.2		"	50.0		90.4	86-115			
LCS (B8L1921-BS1)										
					Prepared: 12/19/08 Analyzed: 12/22/08					
Methyl tert-butyl ether	46.9	0.50	µg/L	50.0		93.8	80-120			
Matrix Spike (B8L1921-MS1)										
					Source: 0812391-08 Prepared: 12/19/08 Analyzed: 12/22/08					
Methyl tert-butyl ether	36.8	0.50	µg/L	50.0	ND	73.6	37-160			
Matrix Spike Dup (B8L1921-MSD1)										
					Source: 0812391-08 Prepared: 12/19/08 Analyzed: 12/22/08					
Methyl tert-butyl ether	39.0	0.50	µg/L	50.0	ND	78.0	37-160	5.80	30	

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



Report Date: Tuesday, December 23, 2008

Received Date: Monday, December 8, 2008

Received Time: 12:15 pm

Turnaround Time: Normal

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

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

Attn: Nick Forsyth

P.O.#:

Project: 0812098

Certificate of Analysis

Work Order: 8120820-01

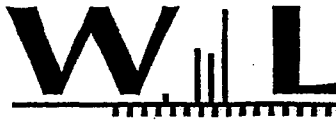
Sample ID: Kinoshita Well (PSCoDe3010120-001)(0812098-01)

Matrix: Water

Sampled by: Client

Sampled: 12/04/08 11:45 Sample Note:

Analyte	Result	Qualifier	Units	Reporting		Method	Prepared	Analyzed	Batch
				Limit	Dil				
Alachlor.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Atrazine.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Bromacil.....	ND		ug/l	1.0	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Butachlor.....	ND		ug/l	0.20	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Chloroprotham.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Diazinon.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Dimethoate.....	ND		ug/l	0.20	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Diphenamid.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Disulfoton.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
EPTC.....	ND		ug/l	1.0	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Metolachlor.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Metribuzin.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Molinate.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Prometon.....	ND		ug/l	0.20	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Prometryn.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Simazine.....	ND		ug/l	0.10	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Terbacil.....	ND		ug/l	2.0	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Thiobencarb.....	ND		ug/l	0.20	1	EPA 525.2	12/15/08	12/18/08	lct W8L0824
Surrogate: 1,3-Dimethyl-2-NB	97 %			73-136			12/15/08	12/18/08	lct W8L0824
Surrogate: Perylene-d12	81 %			48-141			12/15/08	12/18/08	lct W8L0824
Surrogate: Triphenyl phosphate	111 %			71-150			12/15/08	12/18/08	lct W8L0824



Certificate of Analysis

Weck Laboratories, Inc

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8L0824 - EPA 525.2									
Blank (W8L0824-BLK1)					Prepared: 12/15/08 Analyzed: 12/18/08				
Surrogate: 1,3-Dimethyl-2-NB		4.07		ug/l	5.00	81	73-136		
Surrogate: Perylene-d12		4.78		ug/l	5.00	96	48-141		
Surrogate: Triphenyl phosphate		5.69		ug/l	5.00	114	71-150		
Alachlor.....		ND		ug/l					
Atrazine.....		ND		ug/l					
Bromacil.....		ND		ug/l					
Butachlor.....		ND		ug/l					
Chloroprotham.....		ND		ug/l					
Diazinon.....		ND		ug/l					
Dimethoate.....		ND		ug/l					
Diphenamid.....		ND		ug/l					
Disulfoton.....		ND		ug/l					
EPTC.....		ND		ug/l					
Metolachlor.....		ND		ug/l					
Metribuzin.....		ND		ug/l					
Molinate.....		ND		ug/l					
Prometon.....		ND		ug/l					
Prometryn.....		ND		ug/l					
Simazine.....		ND		ug/l					
Terbacil.....		ND		ug/l					
Thiobencarb.....		ND		ug/l					
LCS (W8L0824-BS1)					Prepared: 12/15/08 Analyzed: 12/18/08				
Surrogate: 1,3-Dimethyl-2-NB		4.38		ug/l	5.00	88	73-136		
Surrogate: Perylene-d12		5.58		ug/l	5.00	112	48-141		
Surrogate: Triphenyl phosphate		5.60		ug/l	5.00	112	71-150		
Alachlor.....		5.10		ug/l	5.00	102	68-141		
Atrazine.....		4.87		ug/l	5.00	97	70-130		
Bromacil.....		5.18		ug/l	5.00	104	40-139		
Butachlor.....		5.81		ug/l	5.00	116	60-154		
Chloroprotham.....		4.76		ug/l	5.00	95	0-200		
Diazinon.....		6.30		ug/l	5.00	126	51-128		
Dimethoate.....		3.08		ug/l	5.00	62	11-180		
Diphenamid.....		5.19		ug/l	5.00	104	0-200		
Disulfoton.....		3.71		ug/l	5.00	74	0-200		
EPTC.....		3.94		ug/l	5.00	79	70-130		
Metolachlor.....		4.71		ug/l	5.00	94	64-149		
Metribuzin.....		4.98		ug/l	5.00	100	52-130		
Molinate.....		4.09		ug/l	5.00	82	70-130		
Prometon.....		3.29		ug/l	5.00	66	12-154		
Prometryn.....		5.06		ug/l	5.00	101	51-147		
Simazine.....		4.51		ug/l	5.00	90	53-131		



Certificate of Analysis

Weck Laboratories, Inc

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8L0824 - EPA 525.2									
LCS (W8L0824-BS1)					Prepared: 12/15/08 Analyzed: 12/18/08				
Terbacil.....		5.81		ug/l	5.00	116	70-130		
Thiobencarb.....		4.43		ug/l	5.00	89	70-132		
Matrix Spike (W8L0824-MS1)					Source: 8120401-01 Prepared: 12/15/08 Analyzed: 12/18/08				
Surrogate: 1,3-Dimethyl-2-NB		3.90		ug/l	5.00	78	73-136		
Surrogate: Perylene-d12		4.96		ug/l	5.00	99	48-141		
Surrogate: Triphenyl phosphate		5.60		ug/l	5.00	112	71-150		
Alachlor.....ND		5.16		ug/l	5.00	103	68-141		
Atrazine.....ND		4.64		ug/l	5.00	93	70-130		
Bromacil.....ND		5.07		ug/l	5.00	101	40-139		
Butachlor.....ND		6.23		ug/l	5.00	125	60-154		
Chloroprotham.....ND		4.83		ug/l	5.00	97	0-200		
Diazinon.....ND		7.09	MS-05	ug/l	5.00	142	51-128		
Dimethoate.....ND		3.63		ug/l	5.00	73	11-180		
Diphenamid.....ND		5.38		ug/l	5.00	108	0-200		
Disulfoton.....ND		3.82		ug/l	5.00	76	0-200		
EPTC.....ND		4.08		ug/l	5.00	82	70-130		
Metolachlor.....ND		4.91		ug/l	5.00	98	64-149		
Metribuzin.....ND		4.99		ug/l	5.00	100	52-130		
Molinate.....ND		4.15		ug/l	5.00	83	70-130		
Prometon.....ND		1.97		ug/l	5.00	39	12-154		
Prometryn.....ND		3.68		ug/l	5.00	74	54-147		
Simazine.....ND		4.28		ug/l	5.00	86	53-131		
Terbacil.....ND		5.37		ug/l	5.00	107	70-130		
Thiobencarb.....ND		4.55		ug/l	5.00	91	70-132		
Matrix Spike Dup (W8L0824-MSD1)					Source: 8120401-01 Prepared: 12/15/08 Analyzed: 12/18/08				
Surrogate: 1,3-Dimethyl-2-NB		4.22		ug/l	5.00	84	73-136		
Surrogate: Perylene-d12		5.24		ug/l	5.00	105	48-141		
Surrogate: Triphenyl phosphate		5.50		ug/l	5.00	110	71-150		
Alachlor.....ND		4.87		ug/l	5.00	97	68-141	6	30
Atrazine.....ND		4.79		ug/l	5.00	96	70-130	3	30
Bromacil.....ND		4.99		ug/l	5.00	100	40-139	2	30
Butachlor.....ND		5.68		ug/l	5.00	114	60-154	9	30
Chloroprotham.....ND		5.32		ug/l	5.00	106	0-200	10	200
Diazinon.....ND		6.62	MS-05	ug/l	5.00	132	51-128	7	30
Dimethoate.....ND		3.09		ug/l	5.00	62	11-180	16	30
Diphenamid.....ND		5.35		ug/l	5.00	107	0-200	0.6	200
Disulfoton.....ND		3.69		ug/l	5.00	74	0-200	3	200
EPTC.....ND		4.19		ug/l	5.00	84	70-130	3	30
Metolachlor.....ND		4.57		ug/l	5.00	91	64-149	7	30
Metribuzin.....ND		4.81		ug/l	5.00	96	52-130	4	30



Certificate of Analysis

Weck Laboratories, Inc

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Batch W8L0824 - EPA 525.2									
Matrix Spike Dup (W8L0824-MSD1)		Source: 8120401-01			Prepared: 12/15/08 Analyzed: 12/18/08				
Molinate.....	ND	4.22		ug/l	5.00	84	70-130	2	30
Prometon.....	ND	1.97		ug/l	5.00	39	12-154	0	30
Prometryn.....	ND	3.15		ug/l	5.00	63	54-147	16	30
Simazine.....	ND	4.26		ug/l	5.00	85	53-131	0.5	30
Terbacil.....	ND	5.43		ug/l	5.00	109	70-130	1	30
Thiobencarb.....	ND	4.41		ug/l	5.00	88	70-132	3	30

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).

Sub = Subcontracted analysis, original report enclosed.

Dil = Dilution Factor

MDL = Method Detection Limit

MDA = Minimum Detectable Activity

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services.

The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002



Handwritten signature of Kim G Tu

Authorized Signature

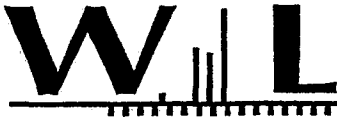
Contact: Kim G Tu

(Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA



The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.



Certificate of Analysis

Flags for Data Qualifiers:

MS-05 = The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.



SUBCONTRACT ORDER
Sierra Analytical Labs, Inc.
Sierra Project #: 0812098 ✓

Comments

SENDING LABORATORY:

Sierra Analytical Labs, Inc. ✓
 26052 Merit Circle, Suite 105
 Laguna Hills, CA 92653
 Phone: (949) 348-9389
 Fax: (949) 348-9115
 Laboratory Contact: Nick Forsyth ✓

8120920

Turn Around	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> 24 Hour
Time Requested:	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour
	<input type="checkbox"/> 4 Day	<input type="checkbox"/> 5 Day

RECEIVING LABORATORY:

Weck Laboratories
 14859 E. Clark Ave.
 City of Industry, CA 91745
 Phone: (626) 336-2139
 Fax: (626) 336-2634

Analysis	Expires	Sampled:	Laboratory ID	Comments
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Sample ID: Kinoshita Well (PSCode 3010120-001) (0812098-01)	Water	12/04/08 11:45 ✓		
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507-Nitrogen-Phosphorous Pesticides	12/11/08 11:45			
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Containers Supplied:
 1L Amber (F)

Special Instructions :

12-8-08

<input type="checkbox"/> Intact	<input type="checkbox"/> Sample Seals
<input type="checkbox"/> Properly Labeled	<input type="checkbox"/> Chilled TEMP (°C) <u>6.2</u>
<input type="checkbox"/> Appropriate Container	<input type="checkbox"/> Preservatives - Verified By _____

[Signature]
 Relinquished By _____
 Date / Time 12-8-08 / 12:15

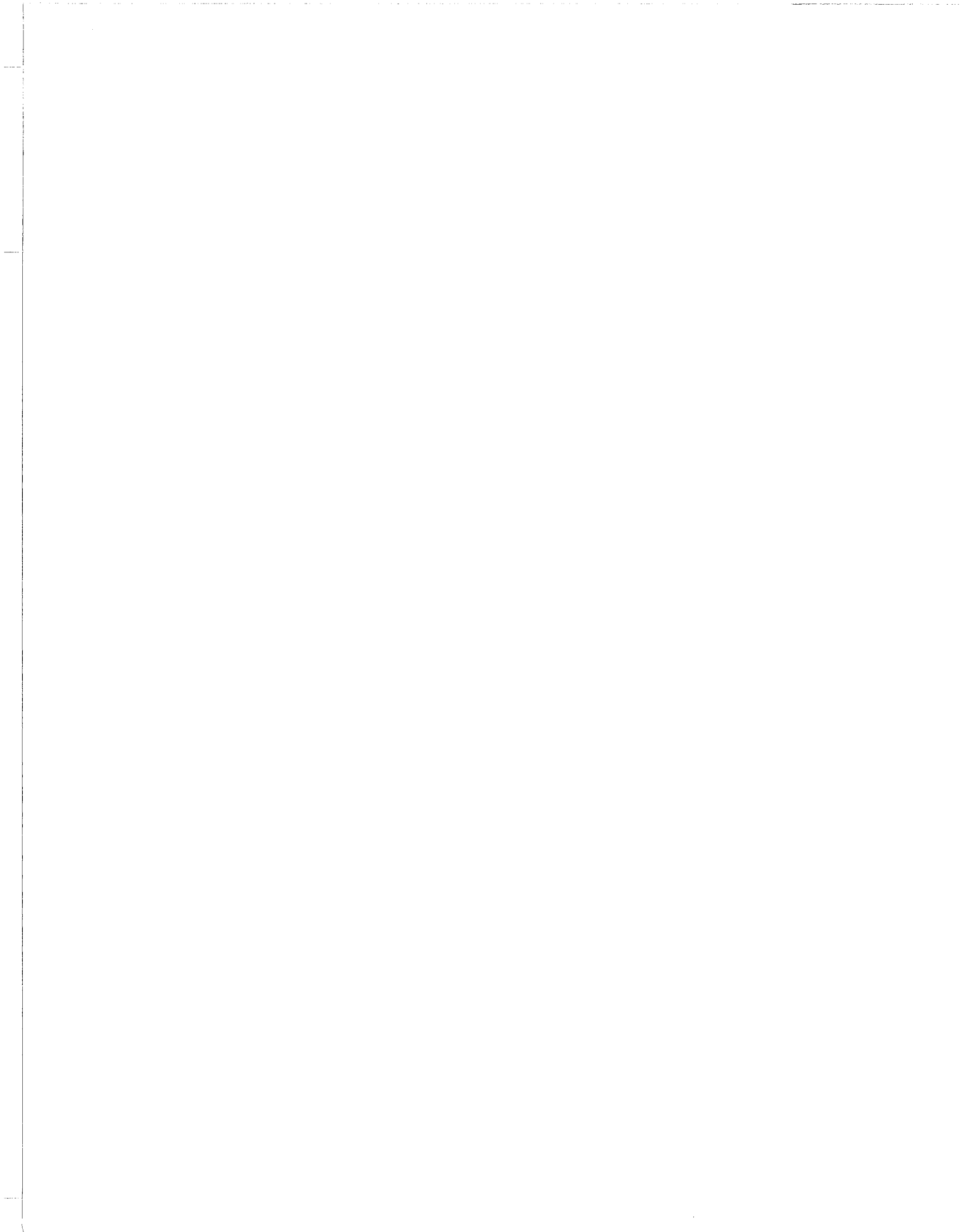
Jamae Girma
 Received By _____
 Date / Time 12/8/08 12:15

Relinquished By _____
 Date / Time _____

Received By _____
 Date / Time _____

Relinquished By _____
 Date / Time _____

Received By _____
 Date / Time _____





City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: MTBE Sampling
Project Manager: West Curry

Reported:
01/16/09 14:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SJBA-4	0901141-01	Liquid	01/08/09 10:15	01/08/09 16:00
SJBA-2	0901141-02	Liquid	01/08/09 10:30	01/08/09 16:00
CVWD-1	0901141-03	Liquid	01/08/09 10:40	01/08/09 16:00
Kinoshita	0901141-04	Liquid	01/08/09 10:52	01/08/09 16:00
Tirador	0901141-05	Liquid	01/08/09 11:15	01/08/09 16:00
Dance Hall	0901141-06	Liquid	01/08/09 13:00	01/08/09 16:00

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.

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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Sampling Project Manager: West Curry	Reported: 01/16/09 14:47
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA-4 (0901141-01) Liquid Sampled: 01/08/09 10:15 Received: 01/08/09 16:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A1218	01/12/09	01/13/09 09:01	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		116 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.2 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.0 %	86-115		"	"	"	"	
SJBA-2 (0901141-02) Liquid Sampled: 01/08/09 10:30 Received: 01/08/09 16:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A1218	01/12/09	01/13/09 09:01	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		114 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.6 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.6 %	86-115		"	"	"	"	
CVWD-1 (0901141-03) Liquid Sampled: 01/08/09 10:40 Received: 01/08/09 16:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A1218	01/12/09	01/13/09 09:01	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		114 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.0 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.0 %	86-115		"	"	"	"	
Kinoshita (0901141-04) Liquid Sampled: 01/08/09 10:52 Received: 01/08/09 16:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A1218	01/12/09	01/13/09 09:01	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		114 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.0 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.6 %	86-115		"	"	"	"	
Tirador (0901141-05) Liquid Sampled: 01/08/09 11:15 Received: 01/08/09 16:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A1218	01/12/09	01/13/09 09:01	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		113 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.6 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.4 %	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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Sampling Project Manager: West Curry	Reported: 01/16/09 14:47
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Dance Hall (0901141-06) Liquid Sampled: 01/08/09 13:00 Received: 01/08/09 16:00

Methyl tert-butyl ether	1.5	0.50	µg/L	1	B9A1218	01/12/09	01/13/09 09:01	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		<i>115 %</i>	<i>86-118</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>98.4 %</i>	<i>88-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>92.2 %</i>	<i>86-115</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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.



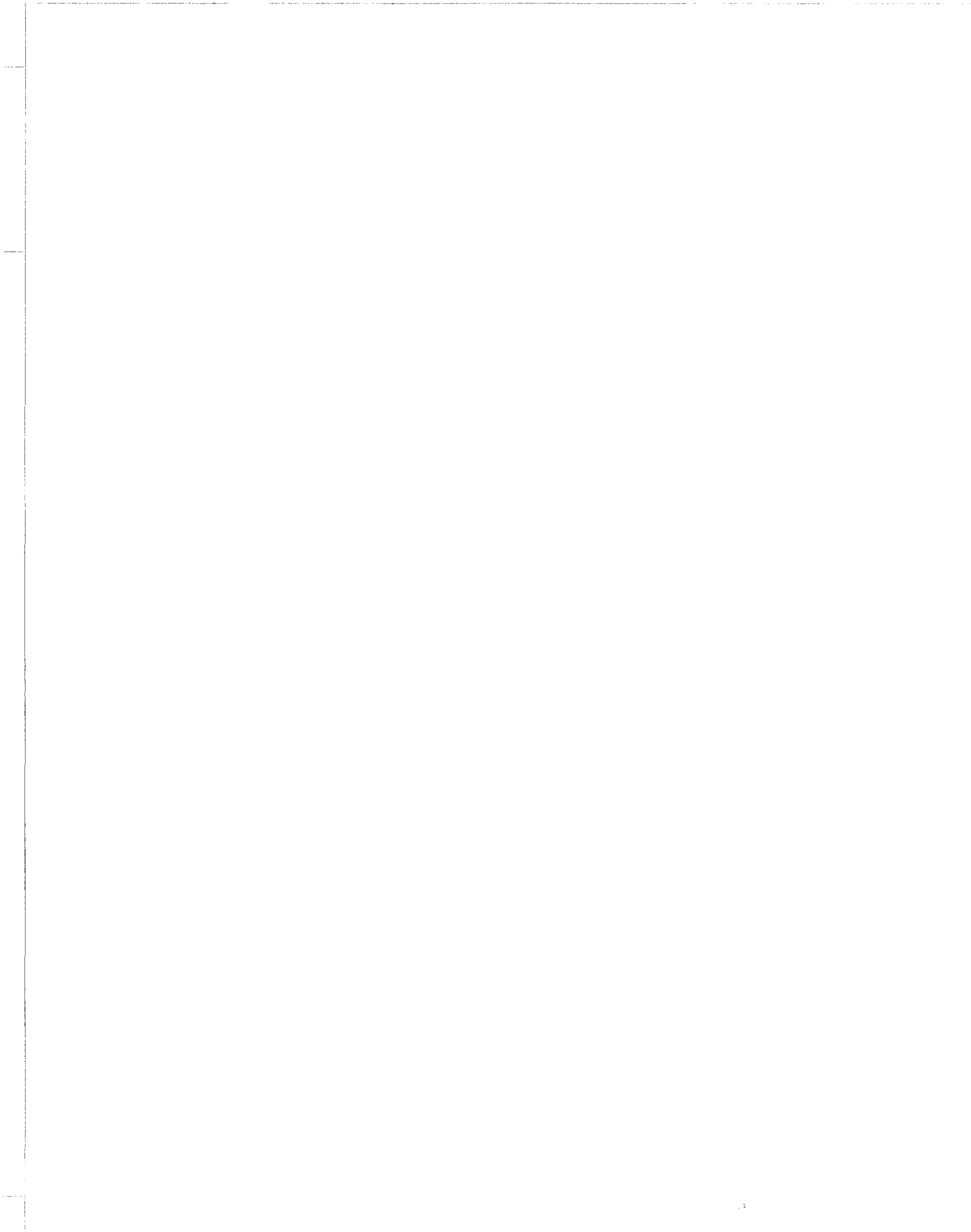
City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Sampling Project Manager: West Curry	Reported: 01/16/09 14:47
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode) - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9A1218 - EPA 5030B P & T										
Blank (B9A1218-BLK1)					Prepared: 01/12/09 Analyzed: 01/13/09					
Methyl tert-butyl ether	ND	0.50	µg/L							
<i>Surrogate: Dibromofluoromethane</i>	56.3		"	50.0		113	86-118			
<i>Surrogate: Toluene-d8</i>	48.7		"	50.0		97.4	88-110			
<i>Surrogate: 4-Bromofluorobenzene</i>	46.4		"	50.0		92.8	86-115			
LCS (B9A1218-BS1)					Prepared: 01/12/09 Analyzed: 01/13/09					
Methyl tert-butyl ether	42.0	0.50	µg/L	50.0		84.0	80-120			
Matrix Spike (B9A1218-MS1)					Source: 0901141-01 Prepared: 01/12/09 Analyzed: 01/13/09					
Methyl tert-butyl ether	45.6	0.50	µg/L	50.0	ND	91.2	37-160			
Matrix Spike Dup (B9A1218-MSD1)					Source: 0901141-01 Prepared: 01/12/09 Analyzed: 01/13/09					
Methyl tert-butyl ether	43.4	0.50	µg/L	50.0	ND	86.8	37-160	4.94	30	

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: MTBE Sampling-Production & Domestic V
Project Manager: West Curry

Reported:
01/27/09 15:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
North Open Space	0901495-01	Water	01/26/09 09:45	01/26/09 13:55
Rosenbaum	0901495-02	Water	01/26/09 10:00	01/26/09 13:55
SJBA-4	0901495-03	Water	01/20/09 13:05	01/26/09 13:55
SJBA-2	0901495-04	Water	01/26/09 10:30	01/26/09 13:55
CVWD-1	0901495-05	Water	01/26/09 10:40	01/26/09 13:55
Kinoshita	0901495-06	Water	01/26/09 10:50	01/26/09 13:55
Tirador	0901495-07	Water	01/26/09 11:00	01/26/09 13:55
Dance Hall	0901495-08	Water	01/26/09 11:10	01/26/09 13:55

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.

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.



City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: MTBE Sampling-Production & Domestic V
 Project Manager: West Curry

Reported:
 01/27/09 15:32

MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA-4 (0901495-03) Water Sampled: 01/20/09 13:05 Received: 01/26/09 13:55									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A2616	01/26/09	01/27/09 08:45	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.6 %	86-115		"	"	"	"	
SJBA-2 (0901495-04) Water Sampled: 01/26/09 10:30 Received: 01/26/09 13:55									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A2616	01/26/09	01/27/09 08:45	EPA 8260B	
Surrogate: Dibromofluoromethane		112 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.4 %	86-115		"	"	"	"	
CVWD-1 (0901495-05) Water Sampled: 01/26/09 10:40 Received: 01/26/09 13:55									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A2616	01/26/09	01/27/09 08:45	EPA 8260B	
Surrogate: Dibromofluoromethane		112 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		94.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	86-115		"	"	"	"	
Kinoshita (0901495-06) Water Sampled: 01/26/09 10:50 Received: 01/26/09 13:55									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A2616	01/26/09	01/27/09 08:45	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.4 %	86-115		"	"	"	"	
Tirador (0901495-07) Water Sampled: 01/26/09 11:00 Received: 01/26/09 13:55									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9A2616	01/26/09	01/27/09 08:45	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		94.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.6 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: MTBE Sampling-Production & Domestic V
Project Manager: West Curry

Reported:
01/27/09 15:32

MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0901495-08) Water Sampled: 01/26/09 11:10 Received: 01/26/09 13:55									
Methyl tert-butyl ether	1.2	0.50	µg/L	1	B9A2616	01/26/09	01/27/09 08:45	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		<i>113 %</i>	<i>86-118</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>94.6 %</i>	<i>88-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>92.6 %</i>	<i>86-115</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: MTBE Sampling-Production & Domestic V
Project Manager: West Curry

Reported:
01/27/09 15:32

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9A2604 - EPA 500 Series

Blank (B9A2604-BLK1)

Prepared & Analyzed: 01/26/09

Methyl tert-butyl ether	ND	3.00	µg/L							
Surrogate: 4-Bromofluorobenzene	53.2		"	50.0		106	86-115			
Surrogate: Toluene-d8	54.2		"	50.0		108	88-110			
Surrogate: Dibromofluoromethane	58.0		"	50.0		116	86-118			

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Sampling-Production & Domestic V Project Manager: West Curry	Reported: 01/27/09 15:32
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode) - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9A2616 - EPA 5030B P & T

Blank (B9A2616-BLK1)

Prepared: 01/26/09 Analyzed: 01/27/09

Methyl tert-butyl ether	ND	0.50	µg/L							
Surrogate: Dibromofluoromethane	55.1		"	50.0		110	86-118			
Surrogate: Toluene-d8	47.1		"	50.0		94.2	88-110			
Surrogate: 4-Bromofluorobenzene	46.6		"	50.0		93.2	86-115			

LCS (B9A2616-BS1)

Prepared: 01/26/09 Analyzed: 01/27/09

Methyl tert-butyl ether	43.3	0.50	µg/L	50.0		86.6	80-120			
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Matrix Spike (B9A2616-MS1)

Source: 0901495-03

Prepared: 01/26/09 Analyzed: 01/27/09

Methyl tert-butyl ether	37.2	0.50	µg/L	50.0	ND	74.4	37-160			
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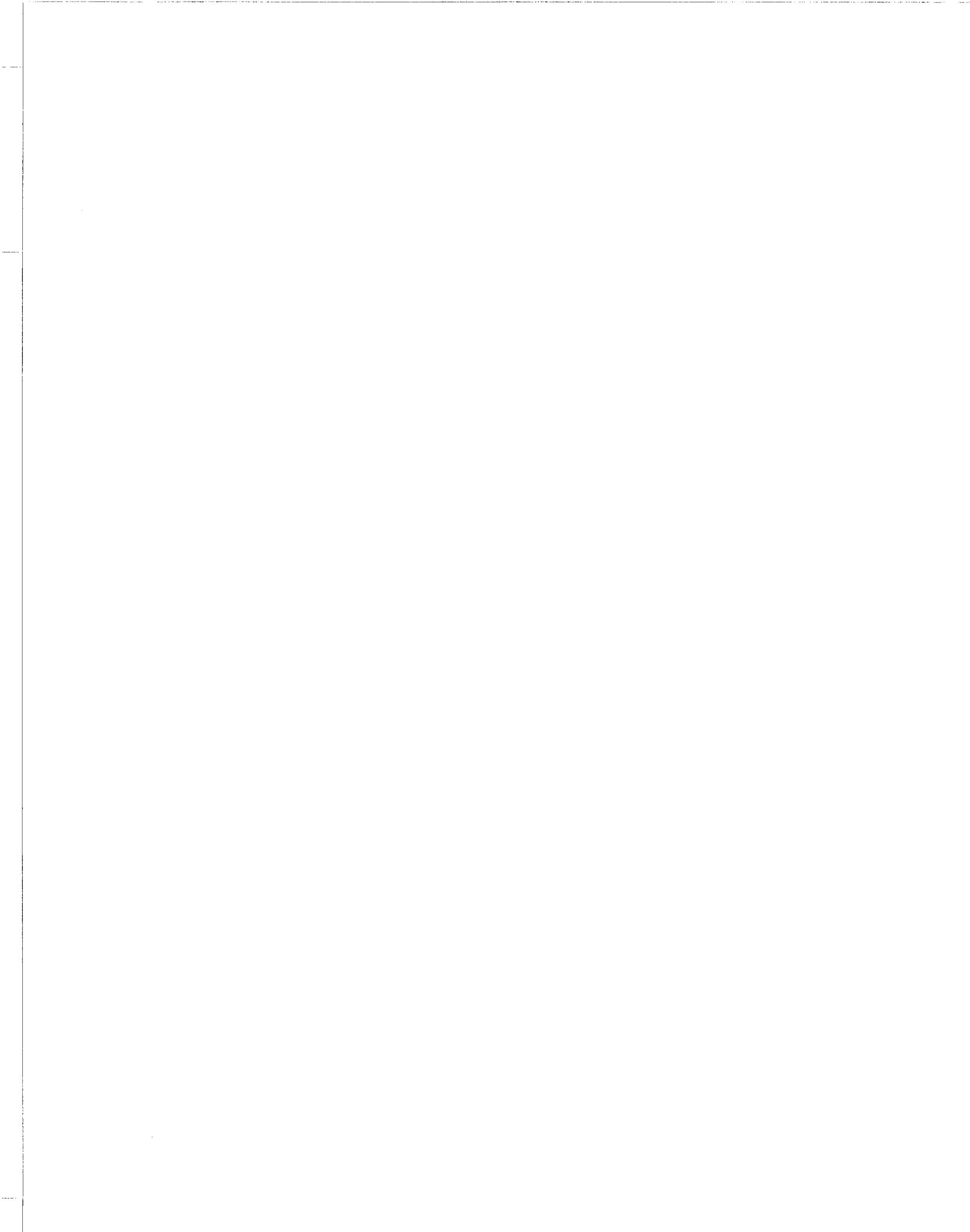
Matrix Spike Dup (B9A2616-MSD1)

Source: 0901495-03

Prepared: 01/26/09 Analyzed: 01/27/09

Methyl tert-butyl ether	39.1	0.50	µg/L	50.0	ND	78.2	37-160	4.98	30	
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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: MTBE Wells
Project Manager: Glenn Garrett

Reported:
02/19/09 11:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SJBA 4	0902266-01	Water	02/17/09 11:00	02/17/09 13:15
SJBA 2	0902266-02	Water	02/17/09 11:15	02/17/09 13:15
CVWD 1	0902266-03	Water	02/17/09 11:22	02/17/09 13:15
Kinoshita	0902266-04	Water	02/17/09 11:35	02/17/09 13:15
Tirador	0902266-05	Water	02/17/09 11:55	02/17/09 13:15
Dance Hall	0902266-06	Water	02/17/09 12:05	02/17/09 13:15
Hollywood NP	0902266-07	Water	02/17/09 12:20	02/17/09 13:15

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.

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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Wells Project Manager: Glenn Garrett	Reported: 02/19/09 11:41
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA 4 (0902266-01) Water Sampled: 02/17/09 11:00 Received: 02/17/09 13:15									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B1807	02/18/09	02/18/09 11:51	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	86-115		"	"	"	"	
SJBA 2 (0902266-02) Water Sampled: 02/17/09 11:15 Received: 02/17/09 13:15									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B1807	02/18/09	02/18/09 11:51	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		100 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	86-115		"	"	"	"	
CVWD 1 (0902266-03) Water Sampled: 02/17/09 11:22 Received: 02/17/09 13:15									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B1807	02/18/09	02/18/09 11:51	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	86-115		"	"	"	"	
Kinoshita (0902266-04) Water Sampled: 02/17/09 11:35 Received: 02/17/09 13:15									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B1807	02/18/09	02/18/09 11:51	EPA 8260B	
Surrogate: Dibromofluoromethane		116 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		100 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	86-115		"	"	"	"	
Tirador (0902266-05) Water Sampled: 02/17/09 11:55 Received: 02/17/09 13:15									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B1807	02/18/09	02/18/09 11:51	EPA 8260B	
Surrogate: Dibromofluoromethane		116 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		99.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Wells Project Manager: Glenn Garrett	Reported: 02/19/09 11:41
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (0902266-06) Water Sampled: 02/17/09 12:05 Received: 02/17/09 13:15									
Methyl tert-butyl ether	1.3	0.50	µg/L	1	B9B1807	02/18/09	02/18/09 11:51	EPA 8260B	
Surrogate: Dibromofluoromethane		117 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	86-115		"	"	"	"	
Hollywood NP (0902266-07) Water Sampled: 02/17/09 12:20 Received: 02/17/09 13:15									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B1807	02/18/09	02/18/09 11:51	EPA 8260B	
Surrogate: Dibromofluoromethane		117 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		99.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: MTBE Wells Project Manager: Glenn Garrett	Reported: 02/19/09 11:41
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode) - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9B1807 - EPA 5030B P & T										
Blank (B9B1807-BLK1)										
Prepared & Analyzed: 02/18/09										
Methyl tert-butyl ether	ND	0.50	µg/L							
Surrogate: Dibromofluoromethane	54.7		"	50.0		109	86-118			
Surrogate: Toluene-d8	49.3		"	50.0		98.6	88-110			
Surrogate: 4-Bromofluorobenzene	49.9		"	50.0		99.8	86-115			
LCS (B9B1807-BS1)										
Prepared & Analyzed: 02/18/09										
Methyl tert-butyl ether	49.7	0.50	µg/L	50.0		99.4	80-120			
Matrix Spike (B9B1807-MS1)										
Source: 0902249-01 Prepared & Analyzed: 02/18/09										
Methyl tert-butyl ether	35.8	0.50	µg/L	50.0	ND	71.6	37-160			
Matrix Spike Dup (B9B1807-MSD1)										
Source: 0902249-01 Prepared & Analyzed: 02/18/09										
Methyl tert-butyl ether	43.5	0.50	µg/L	50.0	ND	87.0	37-160	19.4	30	

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: Monthly Wells & Plant
Project Manager: West Curry

Reported:
02/20/09 13:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0902041-01	Water	02/03/09 11:00	02/03/09 16:35
SJBA #2 (PSCode 3010120-002)	0902041-02	Water	02/03/09 11:40	02/03/09 16:35
SJBA #4 (PSCode 3010120-003)	0902041-03	Water	02/03/09 10:30	02/03/09 16:35
CVWD #1 (PSCode 3010120-004)	0902041-04	Water	02/03/09 10:50	02/03/09 16:35
Dance Hall (PSCode 3010120-005)	0902041-05	Water	02/03/09 11:30	02/03/09 16:35
Tirador (PSCode 3010120-006)	0902041-06	Water	02/03/09 11:10	02/03/09 16:35
CD Final Blended (PSCode:3010120-007)	0902041-07	Water	02/03/09 10:10	02/03/09 16:35
CD RO ByPass (PSCode:3010120-009)	0902041-08	Water	02/03/09 10:11	02/03/09 16:35
CD Product Water (PSCode:3010120-010)	0902041-09	Water	02/03/09 10:14	02/03/09 16:35
CD Permeate B (PSCode 3010120-012)	0902041-10	Water	02/03/09 10:09	02/03/09 16:35
CD Raw Water (PSCode 3010120-013)	0902041-11	Water	02/03/09 10:17	02/03/09 16:35

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.

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.

26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653
TELEPHONE: (949) 348-9389 FAX: (949) 348-9115
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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Monthly Wells & Plant
 Project Manager: West Curry

Reported:
 02/20/09 13:45

Microbiological Parameters by APHA Standard Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Kinoshita Well (PSCode 3010120-001) (0902041-01) Water Sampled: 02/03/09 11:00 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	
SJBA #2 (PSCode 3010120-002) (0902041-02) Water Sampled: 02/03/09 11:40 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	
SJBA #4 (PSCode 3010120-003) (0902041-03) Water Sampled: 02/03/09 10:30 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	
CVWD #1 (PSCode 3010120-004) (0902041-04) Water Sampled: 02/03/09 10:50 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	
Dance Hall (PSCode 3010120-005) (0902041-05) Water Sampled: 02/03/09 11:30 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	
Tirador (PSCode 3010120-006) (0902041-06) Water Sampled: 02/03/09 11:10 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	
CD Final Blended (PSCode:3010120-007) (0902041-07) Water Sampled: 02/03/09 10:10 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	

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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Monthly Wells & Plant Project Manager: West Curry	Reported: 02/20/09 13:45
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Microbiological Parameters by APHA Standard Methods
Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CD RO ByPass (PSCode:3010120-009) (0902041-08) Water Sampled: 02/03/09 10:11 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	
CD Product Water (PSCode:3010120-010) (0902041-09) Water Sampled: 02/03/09 10:14 Received: 02/03/09 16:35									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9B0401	02/03/09	02/03/09 17:00	SM 9215B	
Total Coliforms	Absent		P/A	"	"	"	"	SM 9223B	

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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Monthly Wells & Plant Project Manager: West Curry	Reported: 02/20/09 13:45
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Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0902041-01) Water Sampled: 02/03/09 11:00 Received: 02/03/09 16:35									
Total Alkalinity	320	0.400	mg/L	1	B9B2001	02/03/09	02/03/09 17:06	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	320	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Color	40.0	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2350	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.250	0.0200	mg/L	"	"	"	"	EPA 340.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
Sulfate as SO4	560	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1560	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	33.9	0.0200	NTU	"	"	"	"	EPA 180.1	
SJBA #2 (PSCode 3010120-002) (0902041-02) Water Sampled: 02/03/09 11:40 Received: 02/03/09 16:35									
Total Alkalinity	335	0.400	mg/L	1	B9B2001	02/03/09	02/03/09 17:06	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	335	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Color	2.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2440	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.350	0.0200	mg/L	"	"	"	"	EPA 340.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
Sulfate as SO4	620	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1620	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	2.90	0.0200	NTU	"	"	"	"	EPA 180.1	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Monthly Wells & Plant
 Project Manager: West Curry

Reported:
 02/20/09 13:45

Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SJBA #4 (PSCode 3010120-003) (0902041-03) Water Sampled: 02/03/09 10:30 Received: 02/03/09 16:35									
Total Alkalinity	382	0.400	mg/L	1	B9B2001	02/03/09	02/03/09 17:06	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	382	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Color	15.0	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2580	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.380	0.0200	mg/L	"	"	"	"	EPA 340.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
Sulfate as SO4	650	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1700	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	27.1	0.0200	NTU	"	"	"	"	EPA 180.1	
CVWD #1 (PSCode 3010120-004) (0902041-04) Water Sampled: 02/03/09 10:50 Received: 02/03/09 16:35									
Total Alkalinity	284	0.400	mg/L	1	B9B2001	02/03/09	02/03/09 17:06	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	284	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2190	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.460	0.0200	mg/L	"	"	"	"	EPA 340.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
Sulfate as SO4	500	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1450	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	1.20	0.0200	NTU	"	"	"	"	EPA 180.1	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Monthly Wells & Plant
 Project Manager: West Curry

Reported:
 02/20/09 13:45

Conventional Chemistry Parameters by APHA/EPA Methods
Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dance Hall (PSCode 3010120-005) (0902041-05) Water Sampled: 02/03/09 11:30 Received: 02/03/09 16:35									
Total Alkalinity	396	0.400	mg/L	1	B9B2001	02/03/09	02/03/09 17:06	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	396	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Color	208	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2910	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.360	0.0200	mg/L	"	"	"	"	EPA 340.1	
Odor	3.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
Sulfate as SO4	720	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1920	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	65.5	0.0200	NTU	"	"	"	"	EPA 180.1	
Tirador (PSCode 3010120-006) (0902041-06) Water Sampled: 02/03/09 11:10 Received: 02/03/09 16:35									
Total Alkalinity	350	0.400	mg/L	1	B9B2001	02/03/09	02/03/09 17:06	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	350	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Color	220	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2890	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.510	0.0200	mg/L	"	"	"	"	EPA 340.1	
Odor	2.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
Sulfate as SO4	760	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1900	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	46.6	0.0200	NTU	"	"	"	"	EPA 180.1	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Monthly Wells & Plant
 Project Manager: West Curry

Reported:
 02/20/09 13:45

Total Organic Carbon (TOC) by SM 5310 B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0902041-01) Water									
Sampled: 02/03/09 11:00 Received: 02/03/09 16:35									
Total Organic Carbon	1.9	0.50	mg/L	1	B9B1216	02/12/09	02/12/09 16:58	SM 5310 B	
SJBA #2 (PSCode 3010120-002) (0902041-02) Water									
Sampled: 02/03/09 11:40 Received: 02/03/09 16:35									
Total Organic Carbon	2.8	0.50	mg/L	1	B9B1216	02/12/09	02/12/09 17:17	SM 5310 B	
SJBA #4 (PSCode 3010120-003) (0902041-03) Water									
Sampled: 02/03/09 10:30 Received: 02/03/09 16:35									
Total Organic Carbon	2.3	0.50	mg/L	1	B9B1216	02/12/09	02/12/09 17:38	SM 5310 B	
CVWD #1 (PSCode 3010120-004) (0902041-04) Water									
Sampled: 02/03/09 10:50 Received: 02/03/09 16:35									
Total Organic Carbon	4.1	0.50	mg/L	1	B9B1216	02/12/09	02/12/09 17:57	SM 5310 B	
Dance Hall (PSCode 3010120-005) (0902041-05) Water									
Sampled: 02/03/09 11:30 Received: 02/03/09 16:35									
Total Organic Carbon	3.5	0.50	mg/L	1	B9B1216	02/12/09	02/12/09 18:17	SM 5310 B	
Tirador (PSCode 3010120-006) (0902041-06) Water									
Sampled: 02/03/09 11:10 Received: 02/03/09 16:35									
Total Organic Carbon	4.0	0.50	mg/L	1	B9B1216	02/12/09	02/12/09 18:39	SM 5310 B	
CD Product Water (PSCode:3010120-010) (0902041-09) Water									
Sampled: 02/03/09 10:14 Received: 02/03/09 16:35									
Total Organic Carbon	1.4	0.50	mg/L	1	B9B1216	02/12/09	02/12/09 19:01	SM 5310 B	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Monthly Wells & Plant
 Project Manager: West Curry

Reported:
 02/20/09 13:45

Metals by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0902041-01) Water Sampled: 02/03/09 11:00 Received: 02/03/09 16:35									
Iron	2.5	0.052	mg/L	1	B9B0408	02/04/09	02/04/09 19:07	EPA 200.7	
Manganese	0.69	0.0060	"	"	"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0902041-02) Water Sampled: 02/03/09 11:40 Received: 02/03/09 16:35									
Iron	0.45	0.052	mg/L	1	B9B0408	02/04/09	02/04/09 19:26	EPA 200.7	
Manganese	0.65	0.0060	"	"	"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0902041-03) Water Sampled: 02/03/09 10:30 Received: 02/03/09 16:35									
Iron	0.58	0.052	mg/L	1	B9B0408	02/04/09	02/04/09 19:31	EPA 200.7	
Manganese	1.2	0.0060	"	"	"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0902041-04) Water Sampled: 02/03/09 10:50 Received: 02/03/09 16:35									
Iron	0.22	0.052	mg/L	1	B9B0408	02/04/09	02/04/09 19:36	EPA 200.7	
Manganese	0.19	0.0060	"	"	"	"	"	"	
Dance Hall (PSCode 3010120-005) (0902041-05) Water Sampled: 02/03/09 11:30 Received: 02/03/09 16:35									
Iron	5.4	0.052	mg/L	1	B9B0408	02/04/09	02/04/09 19:41	EPA 200.7	
Manganese	1.5	0.0060	"	"	"	"	"	"	
Tirador (PSCode 3010120-006) (0902041-06) Water Sampled: 02/03/09 11:10 Received: 02/03/09 16:35									
Iron	4.0	0.052	mg/L	1	B9B0409	02/04/09	02/04/09 20:21	EPA 200.7	
Manganese	1.6	0.0060	"	"	"	"	"	"	
CD Permeate B (PSCode 3010120-012) (0902041-10) Water Sampled: 02/03/09 10:09 Received: 02/03/09 16:35									
Iron	ND	0.052	mg/L	1	B9B0409	02/04/09	02/04/09 20:53	EPA 200.7	
Manganese	ND	0.0060	"	"	"	"	02/04/09 20:52	"	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Monthly Wells & Plant
 Project Manager: West Curry

Reported:
 02/20/09 13:45

Metals by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
CD Raw Water (PSCode 3010120-013) (0902041-11) Water Sampled: 02/03/09 10:17 Received: 02/03/09 16:35										
Iron	0.35	0.052		mg/L	I	B9B0409	02/04/09	02/04/09 20:57	EPA 200.7	
Manganese	0.68	0.0060		"	"	"	"	"	"	

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26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653
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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Monthly Wells & Plant Project Manager: West Curry	Reported: 02/20/09 13:45
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0902041-01) Water Sampled: 02/03/09 11:00 Received: 02/03/09 16:35									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B0407	02/04/09	02/04/09 13:12	EPA 8260B	
Surrogate: Dibromofluoromethane		112 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.4 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0902041-02) Water Sampled: 02/03/09 11:40 Received: 02/03/09 16:35									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B0407	02/04/09	02/04/09 13:12	EPA 8260B	
Surrogate: Dibromofluoromethane		111 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0902041-03) Water Sampled: 02/03/09 10:30 Received: 02/03/09 16:35									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B0407	02/04/09	02/04/09 13:12	EPA 8260B	
Surrogate: Dibromofluoromethane		112 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.2 %	86-115		"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0902041-04) Water Sampled: 02/03/09 10:50 Received: 02/03/09 16:35									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B0407	02/04/09	02/04/09 13:12	EPA 8260B	
Surrogate: Dibromofluoromethane		112 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0902041-05) Water Sampled: 02/03/09 11:30 Received: 02/03/09 16:35									
Methyl tert-butyl ether	0.93	0.50	µg/L	1	B9B0407	02/04/09	02/04/09 13:12	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.6 %	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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Monthly Wells & Plant Project Manager: West Curry	Reported: 02/20/09 13:45
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Tirador (PSCode 3010120-006) (0902041-06) Water Sampled: 02/03/09 11:10 Received: 02/03/09 16:35									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9B0407	02/04/09	02/04/09 13:12	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		.112 %	86-118		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.2 %	88-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %	86-115		"	"	"	"	

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City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: Monthly Wells & Plant
Project Manager: West Curry

Reported:
02/20/09 13:45

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

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9B1216 - Organic Carbon

Blank (B9B1216-BLK1)

Prepared & Analyzed: 02/12/09

Total Organic Carbon	ND	0.50	mg/L							
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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Monthly Wells & Plant Project Manager: West Curry	Reported: 02/20/09 13:45
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Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9B0408 - EPA 200 Series

Blank (B9B0408-BLK1)										
Prepared & Analyzed: 02/04/09										
Iron	ND	0.052	mg/L							
Manganese	ND	0.0060	"							

Blank (B9B0408-BLK2)										
Prepared & Analyzed: 02/04/09										
Iron	ND	0.052	mg/L							
Manganese	ND	0.0060	"							

LCS (B9B0408-BS1)										
Prepared & Analyzed: 02/04/09										
Iron	0.220	0.052	mg/L	0.200		110	70-130			
Manganese	0.218	0.0060	"	0.200		109	85-115			

LCS (B9B0408-BS2)										
Prepared & Analyzed: 02/04/09										
Iron	0.217	0.052	mg/L	0.200		108	70-130			
Manganese	0.214	0.0060	"	0.200		107	85-115			

Matrix Spike (B9B0408-MS1)										
Source: 0902010-01 Prepared & Analyzed: 02/04/09										
Iron	2.69	0.052	mg/L	0.200	2.4	145	70-130			QM-07
Manganese	4.44	0.0060	"	0.200	4.3	70.0	70-130			

Matrix Spike (B9B0408-MS2)										
Source: 0902014-03 Prepared & Analyzed: 02/04/09										
Iron	0.213	0.052	mg/L	0.200	0.015	99.0	70-130			
Manganese	0.204	0.0060	"	0.200	ND	102	70-130			

Matrix Spike Dup (B9B0408-MSD1)										
Source: 0902010-01 Prepared & Analyzed: 02/04/09										
Iron	2.77	0.052	mg/L	0.200	2.4	185	70-130	2.93	20	QM-07
Manganese	4.36	0.0060	"	0.200	4.3	30.0	70-130	1.82	20	QM-07

Matrix Spike Dup (B9B0408-MSD2)										
Source: 0902014-03 Prepared & Analyzed: 02/04/09										
Iron	0.216	0.052	mg/L	0.200	0.015	100	70-130	1.40	20	
Manganese	0.207	0.0060	"	0.200	ND	104	70-130	1.46	20	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Monthly Wells & Plant Project Manager: West Curry	Reported: 02/20/09 13:45
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Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9B0409 - EPA 200 Series

Blank (B9B0409-BLK1)

Prepared & Analyzed: 02/04/09

Iron	ND	0.052	mg/L							
Manganese	ND	0.0060	"							

LCS (B9B0409-BS1)

Prepared & Analyzed: 02/04/09

Iron	0.217	0.052	mg/L	0.200		108	70-130			
Manganese	0.217	0.0060	"	0.200		108	85-115			

Matrix Spike (B9B0409-MS1)

Source: 0902041-06

Prepared & Analyzed: 02/04/09

Iron	4.23	0.052	mg/L	0.200	4.0	115	70-130			
Manganese	1.90	0.0060	"	0.200	1.6	150	70-130			QM-07

Matrix Spike Dup (B9B0409-MSD1)

Source: 0902041-06

Prepared & Analyzed: 02/04/09

Iron	4.27	0.052	mg/L	0.200	4.0	135	70-130	0.941	20	QM-07
Manganese	1.93	0.0060	"	0.200	1.6	165	70-130	1.57	20	QM-07

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



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Monthly Wells & Plant Project Manager: West Curry	Reported: 02/20/09 13:45
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode) - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9B0407 - EPA 5030B P & T

Blank (B9B0407-BLK1)

Prepared & Analyzed: 02/04/09

Methyl tert-butyl ether	ND	0.50	µg/L							
Surrogate: Dibromofluoromethane	54.6		"	50.0		109	86-118			
Surrogate: Toluene-d8	47.5		"	50.0		95.0	88-110			
Surrogate: 4-Bromofluorobenzene	47.3		"	50.0		94.6	86-115			

LCS (B9B0407-BS1)

Prepared & Analyzed: 02/04/09

Methyl tert-butyl ether	44.7	0.50	µg/L	50.0		89.4	80-120			
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Matrix Spike (B9B0407-MS1)

Source: 0902041-01

Prepared & Analyzed: 02/04/09

Methyl tert-butyl ether	38.9	0.50	µg/L	50.0	ND	77.8	37-160			
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Matrix Spike Dup (B9B0407-MSD1)

Source: 0902041-01

Prepared & Analyzed: 02/04/09

Methyl tert-butyl ether	41.1	0.50	µg/L	50.0	ND	82.2	37-160	5.50	30	
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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.

26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653

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

E-MAIL: SIERRALABS @ SIERRALABS.NET

CHAIN OF CUSTODY RECORD



CLIENT INFORMATION

Laboratory Use Only

Company: City of San Juan Capistrano **Contact Name:** West Curry
Address: 32400 Paseo Adelanto
City: San Juan Capistrano **State:** CA **Zip:** 92675
Billing Address: Same As Above
Telephone: (949) 429-5146 **Fax:** (949) 429-5147
Project Name: GWRP Monthly Wells & Plant **P.O. Number:**
Sampler's Co.: City of San Juan Capistrano **Sampler's Name:**

Hours: 0900041
Miles: _____
Equipment: _____

Sample Date: 2/3/2009 **Sample Type:**
Test Request: Coilert 1 Routine W Well
10 Tube 2 Repeat D Distribution
 3 Replacement O Other
 4 Special
 5 Other

Sample Identification	Sample Number	Collection Time	pH	Chlorine Residual	Temp	Parameters	Number of Containers				Preservation																	
						Iron	Manganese	TDS	Turbidity	Conductivity	Color	HPC	Coliform	Nitrate	Sulfate	TOC	Gen. Physical	Alkalinity	Fluoride	MTBE-SIM (6260)	Sample type	PLASTIC	GLASS	VOA	STERILE	TEMP	ACID	BASE

01 Kinoshita well (PS Code 3010120-001)	001	11:00				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1W	3	2						
02 SJBA # 2 (PS Code 3010120-002)	002	11:40				X	X	X	X	X	X	X	X	X	X	X	X	X	X	1W	3	2							
03 SJBA # 4 (PS Code 3010120-003)	003	10:30				X	X	X	X	X	X	X	X	X	X	X	X	X	X	1W	3	2							
04 CVWD # 1 (PS Code 3010120-004)	004	10:50				X	X	X	X	X	X	X	X	X	X	X	X	X	X	1W	3	2							
05 Dance Hall (PS Code 3010120-005)	005	11:30				X	X	X	X	X	X	X	X	X	X	X	X	X	X	1W	3	2							
06 Tirador (PS Code 3010120-006)	006	11:10				X	X	X	X	X	X	X	X	X	X	X	X	X	X	1W	3	2							
07 CD Final Blended (PS Code 3010120-007)	007	10:10										X	X							10	1								
08 CD RO Bypass (PS Code 3010120-009)	009	10:11										X	X							10	1								
09 CD Product Water (PS Code 3010120-010)	010	10:14										X	X	X	X	X	X	X		10	2								
10 CD Permeate B (PS Code 3010120-012)	012	10:09				X	X	X	X	X	X									10	1								
11 CD Raw Water (PS Code 3010120-013)	013	10:17				X	X	X	X	X	X									10	1								

SPECIAL INSTRUCTIONS:

TURNAROUND TIME:

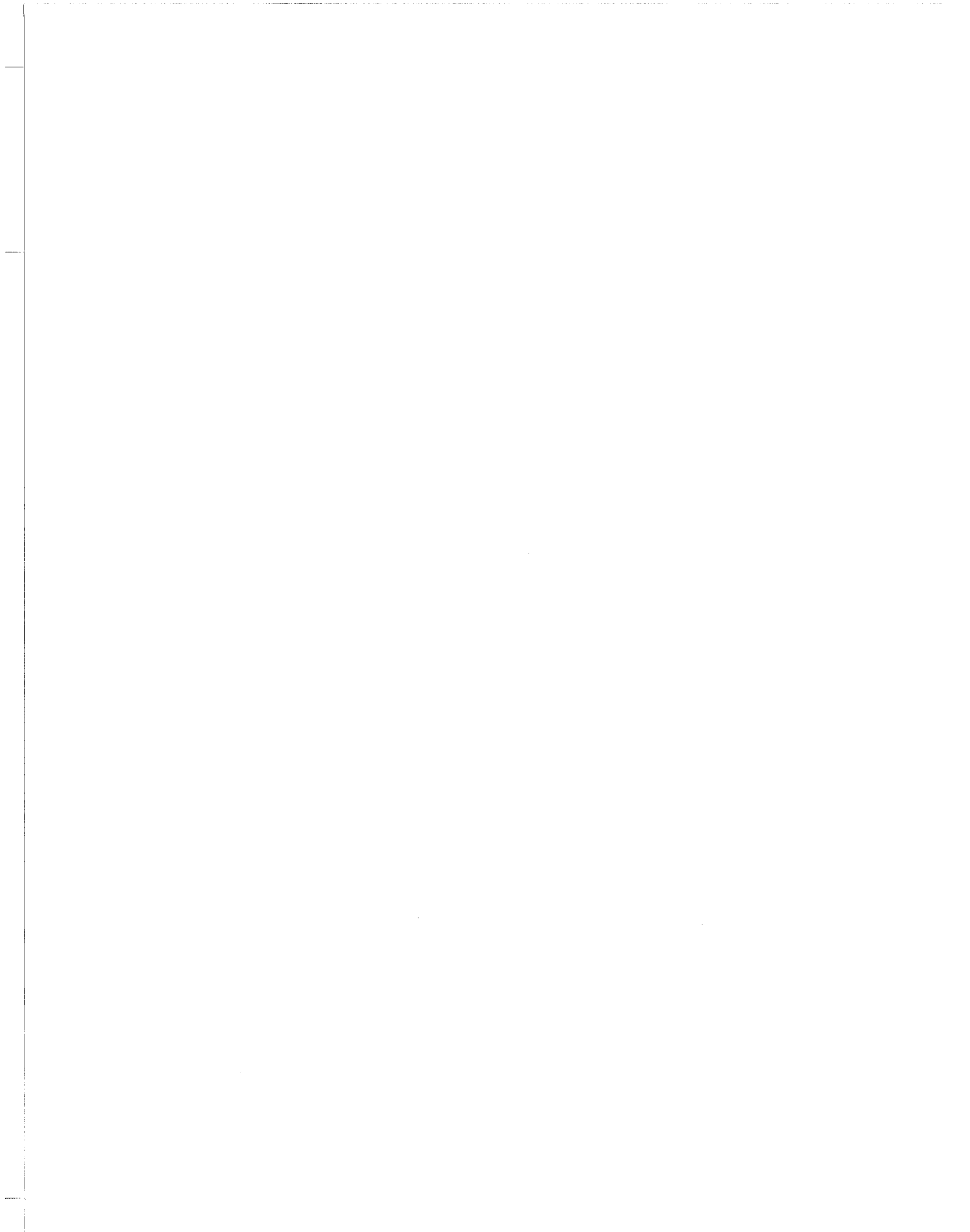
SAMPLE DISPOSAL:

9 - Bacti Bottles 18 HOUR 72 HOUR
9 - 1 Ltr Bottle 24 HOUR 5 DAY
1 - 100 mL Bottle 48 HOUR STANDARD.
 QC LEVEL 1 2 3

RETURN HOLD DISPOSE
 SHIPPED VIA:
Lab Pick Up

SAMPLE RELINQUISHED BY:	PRINT NAME/COMPANY	DATE/TIME	SAMPLE RECEIVED BY:	PRINT NAME/COMPANY
<i>Tim Nhan</i>	City of San Juan Capistrano	2/3/09 1610	<i>B. Muff</i>	SIEIRA
<i>B. Muff</i>	SA	2/3/09 1635	<i>[Signature]</i>	SIEIRA / <i>[Signature]</i>

R3A/MICRO/KICZ





City of San Juan Capistrano Utilities Department
32450 Paseo Adelanto
San Juan Capistrano CA, 92675

Project: NA
Project Number: Quarterly Wells & Plant
Project Manager: West Curry

Reported:
03/16/09 09:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0903039-01	Water	03/03/09 13:15	03/03/09 15:25
SJBA #2 (PSCode 3010120-002)	0903039-02	Water	03/03/09 14:00	03/03/09 15:25
SJBA #4 (PSCode 3010120-003)	0903039-03	Water	03/03/09 14:15	03/03/09 15:25
CVWD #1 (PSCode 3010120-004)	0903039-04	Water	03/03/09 13:30	03/03/09 15:25
Dance Hall (PSCode 3010120-005)	0903039-05	Water	03/03/09 14:30	03/03/09 15:25
Tirador (PSCode 3010120-006)	0903039-06	Water	03/03/09 12:55	03/03/09 15:25
CD Product Water (PSCode:3010120-010)	0903039-07	Water	03/03/09 10:55	03/03/09 15:25

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.

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.



City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Quarterly Wells & Plant
 Project Manager: West Curry

Reported:
 03/16/09 09:35

MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Kinoshita Well (PSCode 3010120-001) (0903039-01) Water Sampled: 03/03/09 13:15 Received: 03/03/09 15:25									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C0405	03/04/09	03/05/09 09:03	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0903039-02) Water Sampled: 03/03/09 14:00 Received: 03/03/09 15:25									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C0405	03/04/09	03/05/09 09:03	EPA 8260B	
Surrogate: Dibromofluoromethane		113 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0903039-03) Water Sampled: 03/03/09 14:15 Received: 03/03/09 15:25									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C0405	03/04/09	03/05/09 09:03	EPA 8260B	
Surrogate: Dibromofluoromethane		114 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.6 %	86-115		"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0903039-04) Water Sampled: 03/03/09 13:30 Received: 03/03/09 15:25									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C0405	03/04/09	03/05/09 09:03	EPA 8260B	
Surrogate: Dibromofluoromethane		113 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0903039-05) Water Sampled: 03/03/09 14:30 Received: 03/03/09 15:25									
Methyl tert-butyl ether	1.9	0.50	µg/L	1	B9C0405	03/04/09	03/05/09 09:03	EPA 8260B	
Surrogate: Dibromofluoromethane		116 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		95.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.2 %	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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Quarterly Wells & Plant Project Manager: West Curry	Reported: 03/16/09 09:35
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Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9C0404 - EPA 200 Series

Blank (B9C0404-BLK1)

Prepared: 03/04/09 Analyzed: 03/06/09

Aluminum	ND	0.050	mg/L							
Calcium	ND	0.53	"							
Iron	ND	0.052	"							
Magnesium	ND	0.41	"							
Manganese	ND	0.0060	"							
Potassium	ND	0.90	"							
Sodium	ND	0.71	"							

Blank (B9C0404-BLK2)

Prepared: 03/04/09 Analyzed: 03/06/09

Aluminum	ND	0.050	mg/L							
Calcium	ND	0.53	"							
Iron	ND	0.052	"							
Magnesium	ND	0.41	"							
Manganese	ND	0.0060	"							
Potassium	ND	0.90	"							
Sodium	ND	0.71	"							

LCS (B9C0404-BS1)

Prepared: 03/04/09 Analyzed: 03/06/09

Aluminum	0.199	0.050	mg/L	0.200		99.5	75-125			
Calcium	10.2	0.53	"	10.2		100	80-120			
Iron	0.209	0.052	"	0.200		104	70-130			
Magnesium	10.5	0.41	"	10.2		103	80-120			
Manganese	0.208	0.0060	"	0.200		104	85-115			
Potassium	9.93	0.90	"	10.2		97.4	80-120			
Sodium	10.1	0.71	"	10.2		99.0	80-120			

LCS (B9C0404-BS2)

Prepared: 03/04/09 Analyzed: 03/06/09

Aluminum	0.191	0.050	mg/L	0.200		95.5	75-125			
Calcium	10.1	0.53	"	10.2		99.0	80-120			
Iron	0.213	0.052	"	0.200		106	70-130			
Magnesium	10.5	0.41	"	10.2		103	80-120			
Manganese	0.204	0.0060	"	0.200		102	85-115			
Potassium	9.88	0.90	"	10.2		96.9	80-120			
Sodium	10.3	0.71	"	10.2		101	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.



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Quarterly Wells & Plant Project Manager: West Curry	Reported: 03/16/09 09:35
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Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9C0404 - EPA 200 Series

Matrix Spike (B9C0404-MS1)		Source: 0903006-01		Prepared: 03/04/09		Analyzed: 03/06/09				
Aluminum	0.201	0.050	mg/L	0.200	ND	100	70-130			
Calcium	59.7	0.53	"	10.2	50	95.1	70-130			
Iron	0.202	0.052	"	0.200	ND	101	70-130			
Magnesium	22.3	0.41	"	10.2	12	101	70-130			
Manganese	0.201	0.0060	"	0.200	ND	100	70-130			
Potassium	10.9	0.90	"	10.2	1.3	94.1	70-130			
Sodium	87.7	0.71	"	10.2	79	85.3	70-130			

Matrix Spike (B9C0404-MS2)		Source: 0903041-03		Prepared: 03/04/09		Analyzed: 03/06/09				
Aluminum	0.204	0.050	mg/L	0.200	ND	102	70-130			
Calcium	275	0.53	"	10.2	230	441	70-130			QM-07
Iron	0.762	0.052	"	0.200	0.53	116	70-130			
Magnesium	81.1	0.41	"	10.2	65	158	70-130			QM-07
Manganese	1.41	0.0060	"	0.200	1.1	155	70-130			QM-07
Potassium	16.0	0.90	"	10.2	4.8	110	70-130			
Sodium	240	0.71	"	10.2	210	294	70-130			QM-07

Matrix Spike Dup (B9C0404-MSD1)		Source: 0903006-01		Prepared: 03/04/09		Analyzed: 03/06/09				
Aluminum	0.200	0.050	mg/L	0.200	ND	100	70-130	0.499	20	
Calcium	60.3	0.53	"	10.2	50	101	70-130	1.00	20	
Iron	0.212	0.052	"	0.200	ND	106	70-130	4.83	20	
Magnesium	22.5	0.41	"	10.2	12	103	70-130	0.893	20	
Manganese	0.201	0.0060	"	0.200	ND	100	70-130	0.00	20	
Potassium	11.3	0.90	"	10.2	1.3	98.0	70-130	3.60	20	
Sodium	89.2	0.71	"	10.2	79	100	70-130	1.70	20	

Matrix Spike Dup (B9C0404-MSD2)		Source: 0903041-03		Prepared: 03/04/09		Analyzed: 03/06/09				
Aluminum	0.206	0.050	mg/L	0.200	ND	103	70-130	0.976	20	
Calcium	257	0.53	"	10.2	230	265	70-130	6.77	20	QM-07
Iron	0.739	0.052	"	0.200	0.53	104	70-130	3.06	20	
Magnesium	77.0	0.41	"	10.2	65	118	70-130	5.19	20	
Manganese	1.33	0.0060	"	0.200	1.1	115	70-130	5.84	20	
Potassium	15.7	0.90	"	10.2	4.8	107	70-130	1.89	20	
Sodium	229	0.71	"	10.2	210	186	70-130	4.69	20	QM-07

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



City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Quarterly Wells & Plant Project Manager: West Curry	Reported: 03/16/09 09:35
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Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Notes
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Batch B9C0407 - EPA 200 Series

Blank (B9C0407-BLK1)

Prepared & Analyzed: 03/04/09

Antimony	ND	6.0	µg/L							
Arsenic	ND	2.0	"							
Barium	ND	100	"							
Beryllium	ND	4.0	"							
Cadmium	ND	1.0	"							
Chromium	ND	10	"							
Copper	ND	10	"							
Lead	ND	4.0	"							
Nickel	ND	10	"							
Selenium	ND	5.0	"							
Silver	ND	10	"							
Thallium	ND	4.0	"							
Zinc	ND	20	"							

LCS (B9C0407-BS1)

Prepared & Analyzed: 03/04/09

Antimony	91.1	6.0	µg/L	100		91.1	85-115			
Arsenic	97.3	2.0	"	100		97.3	85-115			
Barium	88.8	100	"	100		88.8	85-115			
Beryllium	86.9	4.0	"	100		86.9	78-115			
Cadmium	85.9	1.0	"	100		85.9	85-115			
Chromium	98.3	10	"	100		98.3	85-115			
Copper	94.1	10	"	100		94.1	85-115			
Lead	86.7	4.0	"	100		86.7	85-115			
Nickel	93.8	10	"	100		93.8	85-115			
Selenium	89.5	5.0	"	100		89.5	85-115			
Silver	92.3	10	"	100		92.3	80-120			
Thallium	86.7	4.0	"	100		86.7	85-115			
Zinc	98.4	20	"	100		98.4	85-115			

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.



City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Quarterly Wells & Plant
 Project Manager: West Curry

Reported:
 03/16/09 09:35

Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9C0407 - EPA 200 Series

Matrix Spike (B9C0407-MS1)

Source: 0903027-01

Prepared & Analyzed: 03/04/09

Antimony	94.9	6.0	µg/L	100	ND	94.9	70-130			
Arsenic	84.2	2.0	"	100	1.7	82.5	70-130			
Barium	198	100	"	100	110	88.0	70-130			
Beryllium	86.5	4.0	"	100	ND	86.5	70-130			
Cadmium	86.5	1.0	"	100	0.33	86.2	70-130			
Chromium	82.1	10	"	100	1.7	80.4	70-130			
Copper	96.1	10	"	100	17	79.1	70-130			
Lead	85.4	4.0	"	100	ND	85.4	70-130			
Nickel	83.1	10	"	100	3.5	79.6	70-130			
Selenium	89.2	5.0	"	100	4.7	84.5	70-130			
Silver	90.9	10	"	100	ND	90.9	75-125			
Thallium	84.6	4.0	"	100	ND	84.6	70-130			
Zinc	128	20	"	100	47	81.0	70-130			

Matrix Spike Dup (B9C0407-MSD1)

Source: 0903027-01

Prepared & Analyzed: 03/04/09

Antimony	95.8	6.0	µg/L	100	ND	95.8	70-130	0.944	20	
Arsenic	85.6	2.0	"	100	1.7	83.9	70-130	1.65	20	
Barium	198	100	"	100	110	88.0	70-130	0.00	20	
Beryllium	84.8	4.0	"	100	ND	84.8	70-130	1.98	20	
Cadmium	88.2	1.0	"	100	0.33	87.9	70-130	1.95	20	
Chromium	82.3	10	"	100	1.7	80.6	70-130	0.243	20	
Copper	97.1	10	"	100	17	80.1	70-130	1.04	20	
Lead	83.2	4.0	"	100	ND	83.2	70-130	2.61	20	
Nickel	83.7	10	"	100	3.5	80.2	70-130	0.719	20	
Selenium	89.3	5.0	"	100	4.7	84.6	70-130	0.112	20	
Silver	92.0	10	"	100	ND	92.0	75-125	1.20	20	
Thallium	82.5	4.0	"	100	ND	82.5	70-130	2.51	20	
Zinc	131	20	"	100	47	84.0	70-130	2.32	20	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Quarterly Wells & Plant
 Project Manager: West Curry

Reported:
 03/16/09 09:35

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 B9C0504 - EPA 200 Series										
Blank (B9C0504-BLK1)				Prepared & Analyzed: 03/05/09						
Mercury	ND	0.00030	mg/L							
LCS (B9C0504-BS1)				Prepared & Analyzed: 03/05/09						
Mercury	0.00102	0.00030	mg/L	0.00100		102	80-120			
Matrix Spike (B9C0504-MS1)				Source: 0902434-03 Prepared & Analyzed: 03/05/09						
Mercury	0.00086	0.00030	mg/L	0.00100	ND	86.0	80-120			
Matrix Spike Dup (B9C0504-MSD1)				Source: 0902434-03 Prepared & Analyzed: 03/05/09						
Mercury	0.00085	0.00030	mg/L	0.00100	ND	85.0	80-120	1.17	20	

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City of San Juan Capistrano Utilities Department
 32450 Paseo Adelanto
 San Juan Capistrano CA, 92675

Project: NA
 Project Number: Quarterly Wells & Plant
 Project Manager: West Curry

Reported:
 03/16/09 09:35

Metals (Dissolved) 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 B9C0603 - EPA 200 Series										
Blank (B9C0603-BLK1)										
Prepared: 03/06/09 Analyzed: 03/10/09										
Hexavalent Chromium	ND	0.0010	mg/L							
LCS (B9C0603-BS1)										
Prepared: 03/06/09 Analyzed: 03/10/09										
Hexavalent Chromium	0.00599	0.0010	mg/L	0.00600		99.8	90-120			
Matrix Spike (B9C0603-MS1)										
Source: 0903039-07 Prepared: 03/06/09 Analyzed: 03/10/09										
Hexavalent Chromium	0.00714	0.0010	mg/L	0.00600	ND	119	80-120			
Matrix Spike Dup (B9C0603-MSD1)										
Source: 0903039-07 Prepared: 03/06/09 Analyzed: 03/10/09										
Hexavalent Chromium	0.00716	0.0010	mg/L	0.00600	ND	119	80-120	0.280	20	

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City of San Juan Capistrano Utilities Department 32450 Paseo Adelanto San Juan Capistrano CA, 92675	Project: NA Project Number: Quarterly Wells & Plant Project Manager: West Curry	Reported: 03/16/09 09:35
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Trihalomethanes by EPA Method 524.2 - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9C0601 - EPA 500 Series

Blank (B9C0601-BLK1) Prepared: 03/06/09 Analyzed: 03/09/09										
Bromodichloromethane	ND	0.500	µg/L							
Bromoform	ND	0.500	"							
Chloroform	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
Total Trihalomethanes	ND	0.500	"							
<i>Surrogate: Dibromofluoromethane</i>	57.1		"	50.0		114	86-118			
<i>Surrogate: Toluene-d8</i>	51.9		"	50.0		104	88-110			
<i>Surrogate: 4-Bromofluorobenzene</i>	54.7		"	50.0		109	86-115			

LCS (B9C0601-BS1) Prepared: 03/06/09 Analyzed: 03/09/09										
Bromodichloromethane	22.6	0.500	µg/L	25.0		90.4	80-120			
Chloroform	25.8	0.500	"	25.0		103	80-120			
Dibromochloromethane	22.0	0.500	"	25.0		88.0	80-120			

Duplicate (B9C0601-DUP1) Source: 0903039-07 Prepared: 03/06/09 Analyzed: 03/09/09										
Bromodichloromethane	1.67	0.500	µg/L		1.83			9.14	30	
Chloroform	1.58	0.500	"		1.39			12.8	30	
Dibromochloromethane	3.46	0.500	"		3.81			9.63	30	

Matrix Spike (B9C0601-MS1) Source: 0903039-07 Prepared: 03/06/09 Analyzed: 03/09/09										
Bromodichloromethane	30.8	0.500	µg/L	25.0	1.83	116	47-124			
Chloroform	22.7	0.500	"	25.0	1.39	85.2	22-148			
Dibromochloromethane	21.2	0.500	"	25.0	3.81	69.6	38-127			

Matrix Spike Dup (B9C0601-MSD1) Source: 0903039-07 Prepared: 03/06/09 Analyzed: 03/09/09										
Bromodichloromethane	30.0	0.500	µg/L	25.0	1.83	113	47-124	2.63	30	
Chloroform	22.7	0.500	"	25.0	1.39	85.2	22-148	0.00	30	
Dibromochloromethane	20.7	0.500	"	25.0	3.81	67.6	38-127	2.39	30	

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 Project Manager: West Curry

Reported:
 03/16/09 09:35

Haloacetic Acids (GC/ECD) by EPA Method 552.2 - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B9C1102 - EPA 500 Series										
Blank (B9C1102-BLK1)										
Prepared: 03/11/09 Analyzed: 03/12/09										
Monochloroacetic Acid	ND	2.00	µg/L							
Dichloroacetic Acid	ND	1.00	"							
Trichloroacetic Acid	ND	1.00	"							
Monobromoacetic Acid	ND	1.00	"							
Dibromoacetic Acid	ND	1.00	"							
Total Haloacetic Acids	ND	1.00	"							
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	2.80		"	5.00		56.0	50-165			
LCS (B9C1102-BS1)										
Prepared: 03/11/09 Analyzed: 03/12/09										
Trichloroacetic Acid	3.33	1.00	µg/L	4.00		83.2	70-130			
Dibromoacetic Acid	3.12	1.00	"	4.00		78.0	70-130			
LCS (B9C1102-BS2)										
Prepared: 03/11/09 Analyzed: 03/12/09										
Trichloroacetic Acid	3.30	1.00	µg/L	4.00		82.5	70-130			
Dibromoacetic Acid	3.21	1.00	"	4.00		80.2	70-130			
LCS Dup (B9C1102-BSD1)										
Prepared: 03/11/09 Analyzed: 03/12/09										
Trichloroacetic Acid	3.84	1.00	µg/L	4.00		96.0	70-130	14.2	30	
Dibromoacetic Acid	3.15	1.00	"	4.00		78.8	70-130	0.957	30	
Duplicate (B9C1102-DUP1)										
Source: 0902434-05 Prepared: 03/11/09 Analyzed: 03/12/09										
Trichloroacetic Acid	4.51	1.00	µg/L		4.88			7.88	30	
Dibromoacetic Acid	3.56	1.00	"		3.84			7.57	30	

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