

CHAIN OF CUSTODY RECORD



CLIENT INFORMATION			
Company:	San Juan Capistrano	Contact Name:	West Curry
Address:	32470 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:	Quartly Wells & Plant		P.O. Number:
Sampler's Co.:	San Juan Capistrano		Sampler's Name:

Laboratory Use Only	
Hours:	0903039
Miles:	_____
Equipment:	_____

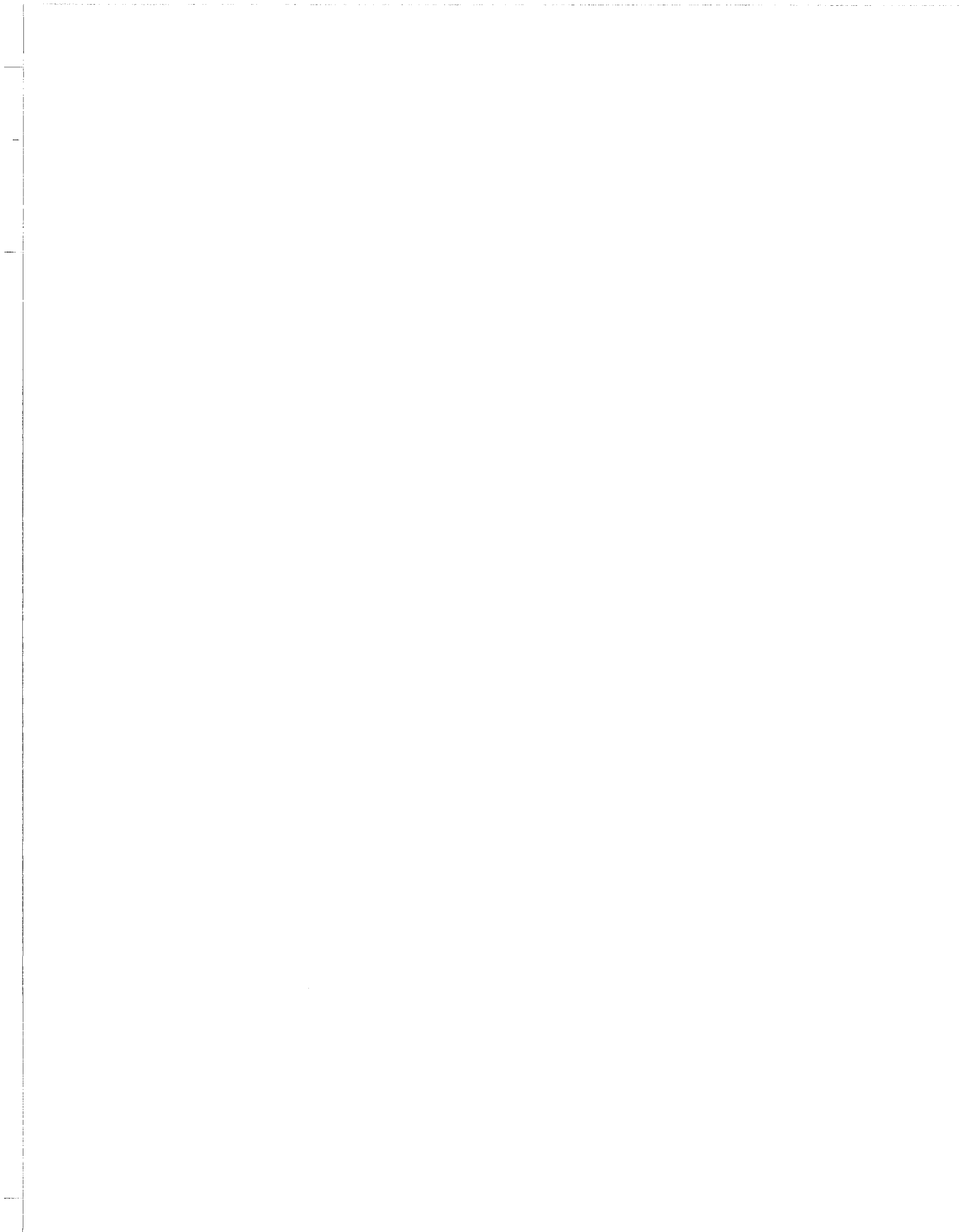
Sample Date	3.3.09	Sample Type:	1 Routine 2 Repeat 3 Replacement 4 Special 5 Other	W Well D Distribution O Other	Parameters	Number of Containers	Preservation
Test Request	Collert 10 Tube				Minerals Physical Inorganics Gross Alpha Radium 228 Uranium MTBE (SIM-8260) HAA5 TTHM's	Sample type PLASTIC GLASS VOA STERILE TEMP ACID BASE	

Sample Identification	Sample Number	Collection Time	pH	Chlorine Residual	Temp	Minerals	Physical	Inorganics	Gross Alpha	Radium 228	Uranium	MTBE (SIM-8260)	HAA5	TTHM's	Sample type	PLASTIC	GLASS	VOA	STERILE	TEMP	ACID	BASE	
Kinoshita well (PS Code 3010120-001)	001	11Sp							X	X	X	X			1W	3		2					
SJBA # 2 (PS Code 3010120-002)	002	2pm								X		X			1W	1		2					
SJBA # 4 (PS Code 3010120-003)	003	2:30pm								X		X			1W	1		2					
CVWD # 1 (PS Code 3010120-004)	004	130p							X	X	X	X			1W	3		2					
Dance Hall (PS Code 3010120-005)	005	230p								X		X			1W	1		2					
Tirador (PS Code 3010120-006)	006	1255p								X		X			1W	1		2					
CD Final Blended (PS Code 3010120-007)	007	1030A													10								
CD RO Bypass (PS Code 3010120-009)	009	1030A													10								
CD Product Water (PS Code 3010120-010)	010	1055A				X	X	X					X	X	10	2	1	2					
CD Permeate A (PS Code 3010120-011)	011														10								
CD Permeate B (PS Code 3010120-012)	012	1115A													10								
CD Raw Water (PS Code 3010120-013)	013	1105p													10								

SPECIAL INSTRUCTIONS:	TURNAROUND TIME:	SAMPLE DISPOSAL:
14 - VOA Bottles	<input type="checkbox"/> 18 HOUR <input type="checkbox"/> 72 HOUR	<input type="checkbox"/> RETURN <input type="checkbox"/> HOLD <input checked="" type="checkbox"/> DISPOSE
12 - 1 Ltr Bottles	<input type="checkbox"/> 24 HOUR <input type="checkbox"/> 5 DAY	SHIPPED VIA:
1 - Glass	<input type="checkbox"/> 48 HOUR <input checked="" type="checkbox"/> STANDARD	Lab Pick Up
	QC LEVEL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	

SAMPLE REQUESTED BY:	PRINT NAME/COMPANY:	DATE/TIME:	SAMPLE RECEIVED BY:	PRINT NAME/COMPANY:
JEFF Romero	City of San Juan Cap	3.3.09 3:25	John Bluff	SUEVA (MEX CONSULT)
Tina N...	S. eim	3/3/09 3:10		

(034/12104)





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:
 03/23/09 13:29

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) (0903257-01) Water Sampled: 03/17/09 08:45 Received: 03/17/09 15:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C2201	03/22/09	03/23/09 07:10	EPA 8260B	
Surrogate: Dibromofluoromethane		101 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		93.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.8 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0903257-02) Water Sampled: 03/17/09 08:18 Received: 03/17/09 15:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C2201	03/22/09	03/23/09 07:10	EPA 8260B	
Surrogate: Dibromofluoromethane		101 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		93.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.2 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0903257-03) Water Sampled: 03/17/09 08:05 Received: 03/17/09 15:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C2201	03/22/09	03/23/09 07:10	EPA 8260B	
Surrogate: Dibromofluoromethane		105 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		93.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.6 %	86-115		"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0903257-04) Water Sampled: 03/17/09 08:30 Received: 03/17/09 15:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9C2201	03/22/09	03/23/09 07:10	EPA 8260B	
Surrogate: Dibromofluoromethane		102 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		92.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.8 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0903257-05) Water Sampled: 03/17/09 09:20 Received: 03/17/09 15:00									
Methyl tert-butyl ether	1.6	0.50	µg/L	1	B9C2201	03/22/09	03/23/09 07:10	EPA 8260B	
Surrogate: Dibromofluoromethane		104 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.4 %	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.

CHAIN OF CUSTODY RECORD



CLIENT INFORMATION

Laboratory Use Only

Company: City of San Juan Capistrano **Contact Name:** West Curry
Address: 32470 Paseo Adelanto
City: San Juan Capistrano **State:** CA **Zip:** 92675
Billing Address: Same As Above
Telephone: (949) 487-4307 **Fax:** (949) 429-5147
Project Name: MTBE Wells **P.O. Number:**
Sampler's Co.: City of San Juan Capistrano **Sampler's Name:** JEFF ROMERO

Hours: 0903357
Miles: _____
Equipment: _____

Sample Date <u>3/17/2009</u>	Sample Type:	W Well	Parameters	Number of Containers	Preservation
Test Request	1 Routine	D Distribution			
<u>Colilert</u>	2 Repeat	O Other			
<u>10 Tube</u>	3 Replacement				
	4 Special				
	5 Other				

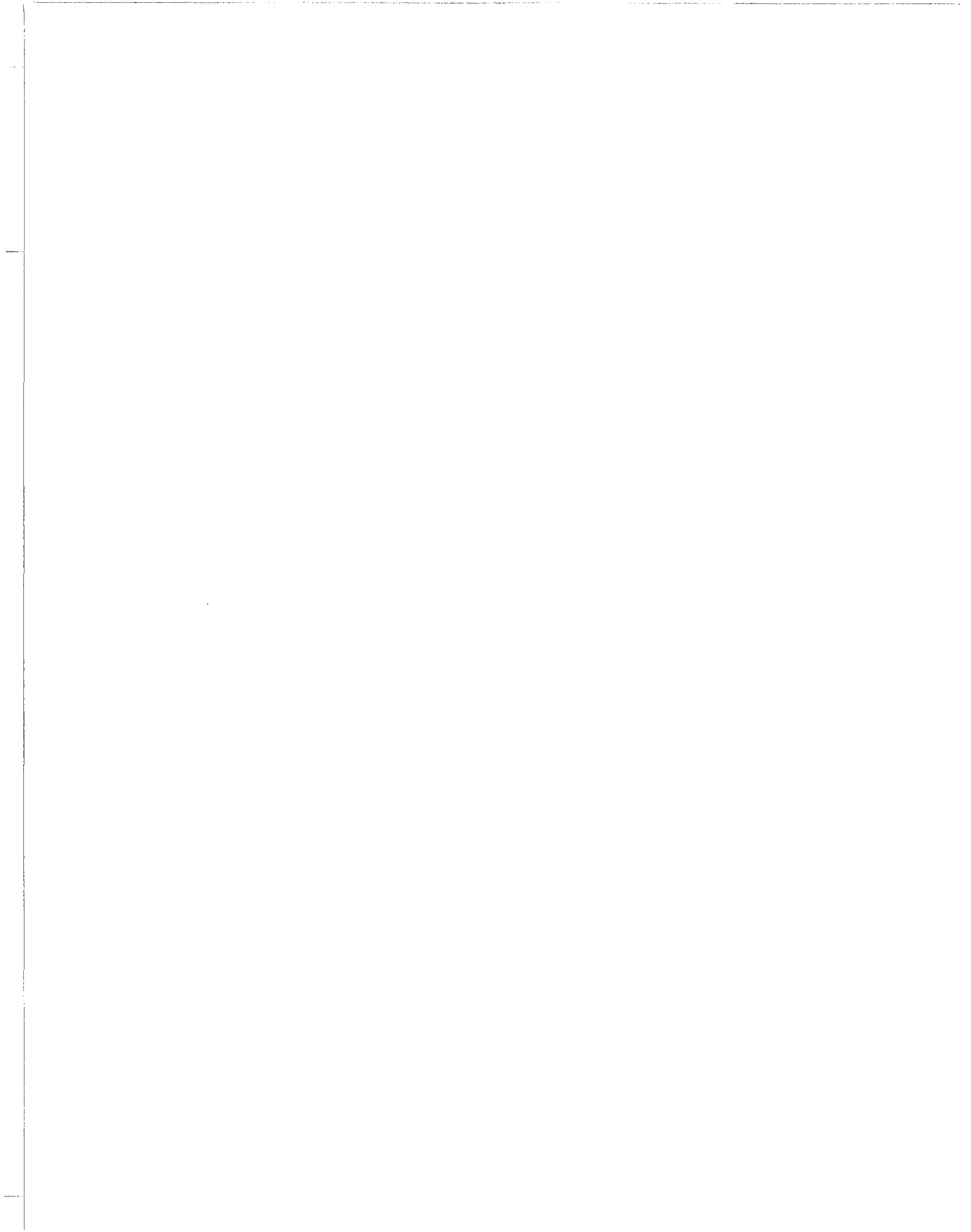
Sample Identification	Sample Number	Collection Time	pH	Chlorine Residual	Temp	Parameters	Sample type	PLASTIC	GLASS	VOA	STERILE	TEMP	ACID	BASE
Kinoshita well (PS Code 3010120-001)	001	8:45 AM				X	1W							
SJBA # 2 (PS Code 3010120-002)	002	8:18 AM				X	1W							
SJBA # 4 (PS Code 3010120-003)	003	8:05 AM				X	1W							
CVWD # 1 (PS Code 3010120-004)	004	8:30 AM				X	1W							
Dance Hall (PS Code 3010120-005)	005	9:20 AM				X	1W							
Tirador (PS Code 3010120-006)	006	9:00 AM				X	1W							

01
02
03
04
05
06

SPECIAL INSTRUCTIONS: <u>Analyze by SIM analyzers</u>	TURNAROUND TIME: <input type="checkbox"/> 18 HOUR <input type="checkbox"/> 72 HOUR <input type="checkbox"/> 24 HOUR <input type="checkbox"/> 5 DAY <input type="checkbox"/> 48 HOUR <input checked="" type="checkbox"/> STANDARD QC LEVEL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	SAMPLE DISPOSAL: <input type="checkbox"/> RETURN <input type="checkbox"/> HOLD <input checked="" type="checkbox"/> DISPOSE SHIPPED VIA: Lab Pick Up
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SAMPLE RELINQUISHED BY: <u>Jeff Romero</u>	PRINT NAME/COMPANY: <u>City of SJC</u>	DATE/TIME: <u>3/17/09 3:00</u>	SAMPLE RECEIVED BY: <u>[Signature]</u>	PRINT NAME/COMPANY: <u>[Signature]</u>
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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:
04/20/09 09:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0904167-01	Water	04/09/09 10:00	04/09/09 15:40
SJBA #2 (PSCode 3010120-002)	0904167-02	Water	04/09/09 10:30	04/09/09 15:40
SJBA #4 (PSCode 3010120-003)	0904167-03	Water	04/09/09 10:45	04/09/09 15:40
CVWD #1 (PSCode 3010120-004)	0904167-04	Water	04/09/09 10:15	04/09/09 15:40
Dance Hall (PSCode 3010120-005)	0904167-05	Water	04/09/09 11:30	04/09/09 15:40
Tirador (PSCode 3010120-006)	0904167-06	Water	04/09/09 08:40	04/09/09 15:40

CASE NARRATIVE

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

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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:
 04/20/09 09:42

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) (0904167-01) Water Sampled: 04/09/09 10:00 Received: 04/09/09 15:40									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9D1319	04/09/09	04/09/09 16:15	SM 9215B	
Total Coliforms	Absent	1.0	CFU/100 mL	"	"	"	"	SM 9222B	
SJBA #2 (PSCode 3010120-002) (0904167-02) Water Sampled: 04/09/09 10:30 Received: 04/09/09 15:40									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9D1319	04/09/09	04/09/09 16:15	SM 9215B	
Total Coliforms	Absent	1.0	CFU/100 mL	"	"	"	"	SM 9222B	
SJBA #4 (PSCode 3010120-003) (0904167-03) Water Sampled: 04/09/09 10:45 Received: 04/09/09 15:40									
Plate Count (1 ml)	9	1	CFU/mL	1	B9D1319	04/09/09	04/09/09 16:15	SM 9215B	
Total Coliforms	Absent	1.0	CFU/100 mL	"	"	"	"	SM 9222B	
CVWD #1 (PSCode 3010120-004) (0904167-04) Water Sampled: 04/09/09 10:15 Received: 04/09/09 15:40									
Plate Count (1 ml)	<1	1	CFU/mL	1	B9D1319	04/09/09	04/09/09 16:15	SM 9215B	
Total Coliforms	Absent	1.0	CFU/100 mL	"	"	"	"	SM 9222B	
Dance Hall (PSCode 3010120-005) (0904167-05) Water Sampled: 04/09/09 11:30 Received: 04/09/09 15:40									
Plate Count (1 ml)	18	1	CFU/mL	1	B9D1319	04/09/09	04/09/09 16:15	SM 9215B	
Total Coliforms	Absent	1.0	CFU/100 mL	"	"	"	"	SM 9222B	
Tirador (PSCode 3010120-006) (0904167-06) Water Sampled: 04/09/09 08:40 Received: 04/09/09 15:40									
Plate Count (1 ml)	31	1	CFU/mL	1	B9D1319	04/09/09	04/09/09 16:15	SM 9215B	
Total Coliforms	Absent	1.0	CFU/100 mL	"	"	"	"	SM 9222B	

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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:
 04/20/09 09:42

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) (0904167-01) Water Sampled: 04/09/09 10:00 Received: 04/09/09 15:40									
Total Alkalinity	344	0.400	mg/L	1	B9D1702	04/09/09	04/09/09 16:10	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	344	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	218	0.500	"	"	"	"	"	SM 4500-Cl- B	
Color	3.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2270	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.710	0.0200	mg/L	"	"	"	"	EPA 340.1	
Total Hardness	876	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	2.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.10	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	510	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1440	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	5.08	0.0200	NTU	"	"	"	"	EPA 180.1	
SJBA #2 (PSCode 3010120-002) (0904167-02) Water Sampled: 04/09/09 10:30 Received: 04/09/09 15:40									
Total Alkalinity	288	0.400	mg/L	1	B9D1702	04/09/09	04/09/09 16:10	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	288	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	300	0.500	"	"	"	"	"	SM 4500-Cl- B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2640	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.800	0.0200	mg/L	"	"	"	"	EPA 340.1	
Total Hardness	963	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.07	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	640	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1730	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	0.610	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:
 04/20/09 09:42

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) (0904167-03) Water Sampled: 04/09/09 10:45 Received: 04/09/09 15:40									
Total Alkalinity	220	0.400	mg/L	1	B9D1702	04/09/09	04/09/09 16:10	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	220	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	282	0.500	"	"	"	"	"	SM 4500-Cl- B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2470	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.850	0.0200	mg/L	"	"	"	"	EPA 340.1	
Total Hardness	830	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.12	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	630	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1610	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	1.28	0.0200	NTU	"	"	"	"	EPA 180.1	
CVWD #1 (PSCode 3010120-004) (0904167-04) Water Sampled: 04/09/09 10:15 Received: 04/09/09 15:40									
Total Alkalinity	297	0.400	mg/L	1	B9D1702	04/09/09	04/09/09 16:10	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	297	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	242	0.500	"	"	"	"	"	SM 4500-Cl- B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	2220	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.780	0.0200	mg/L	"	"	"	"	EPA 340.1	
Total Hardness	834	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.02	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	490	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1450	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	0.420	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:
 04/20/09 09:42

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) (0904167-05) Water Sampled: 04/09/09 11:30 Received: 04/09/09 15:40									
Total Alkalinity	356	0.400	mg/L	1	B9D1702	04/09/09	04/09/09 16:10	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	356	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	348	0.500	"	"	"	"	"	SM 4500-Cl- B	
Color	1.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	3030	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	0.890	0.0200	mg/L	"	"	"	"	EPA 340.1	
Total Hardness	937	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	1.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.00	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	850	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1960	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	6.13	0.0200	NTU	"	"	"	"	EPA 180.1	
Tirador (PSCode 3010120-006) (0904167-06) Water Sampled: 04/09/09 08:40 Received: 04/09/09 15:40									
Total Alkalinity	317	0.400	mg/L	1	B9D1702	04/09/09	04/09/09 16:10	EPA 310.1	
Carbonate Alkalinity	ND	0.400	"	"	"	"	"	"	
Bicarbonate Alkalinity	317	0.400	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.400	"	"	"	"	"	"	
Chloride	291	0.500	"	"	"	"	"	SM 4500-Cl- B	
Color	2.00	1.00	Color Units	"	"	"	"	EPA 110.2	
Specific Conductance (EC)	3050	0.100	µmhos/cm	"	"	"	"	EPA 120.1	
Fluoride	1.02	0.0200	mg/L	"	"	"	"	EPA 340.1	
Total Hardness	949	0.400	"	"	"	"	"	SM 2340	
Methylene Blue Active Substances	ND	0.100	"	"	"	"	"	EPA 425.1	
Odor	2.00	1.00	T.O.N.	"	"	"	"	EPA 140.1	
pH	7.04	0.100	pH Units	"	"	"	"	EPA 150.1	
Sulfate as SO4	790	0.500	mg/L	"	"	"	"	EPA 375.4	
Total Dissolved Solids	1940	1.00	"	"	"	"	"	EPA 160.1	
Turbidity	9.32	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:
 04/20/09 09:42

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) (0904167-01) Water Sampled: 04/09/09 10:00 Received: 04/09/09 15:40									
Total Organic Carbon	1.5	0.50	mg/L	1	B9D1418	04/15/09	04/15/09 13:46	SM 5310 B	
SJBA #2 (PSCode 3010120-002) (0904167-02) Water Sampled: 04/09/09 10:30 Received: 04/09/09 15:40									
Total Organic Carbon	2.5	0.50	mg/L	1	B9D1418	04/15/09	04/15/09 14:06	SM 5310 B	
SJBA #4 (PSCode 3010120-003) (0904167-03) Water Sampled: 04/09/09 10:45 Received: 04/09/09 15:40									
Total Organic Carbon	3.0	0.50	mg/L	1	B9D1418	04/15/09	04/15/09 14:28	SM 5310 B	
CVWD #1 (PSCode 3010120-004) (0904167-04) Water Sampled: 04/09/09 10:15 Received: 04/09/09 15:40									
Total Organic Carbon	3.1	0.50	mg/L	1	B9D1418	04/15/09	04/15/09 14:47	SM 5310 B	
Dance Hall (PSCode 3010120-005) (0904167-05) Water Sampled: 04/09/09 11:30 Received: 04/09/09 15:40									
Total Organic Carbon	4.0	0.50	mg/L	1	B9D1418	04/15/09	04/15/09 15:10	SM 5310 B	
Tirador (PSCode 3010120-006) (0904167-06) Water Sampled: 04/09/09 08:40 Received: 04/09/09 15:40									
Total Organic Carbon	4.5	0.50	mg/L	1	B9D1418	04/15/09	04/15/09 15:30	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:
 04/20/09 09:42

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) (0904167-01) Water Sampled: 04/09/09 10:00 Received: 04/09/09 15:40									
Calcium	260	0.53	mg/L	1	B9D1420	04/14/09	04/16/09 12:29	EPA 200.7	
Copper	ND	0.011	"	"	"	"	04/16/09 12:31	"	
Iron	2.4	0.052	"	"	"	"	"	"	
Potassium	3.4	0.90	"	"	"	"	04/16/09 12:29	"	
Magnesium	55	0.41	"	"	"	"	"	"	
Manganese	0.64	0.0060	"	"	"	"	04/16/09 12:31	"	
Sodium	140	0.71	"	"	"	"	04/16/09 12:29	"	
Zinc	ND	0.013	"	"	"	"	04/16/09 12:32	"	
SJBA #2 (PSCode 3010120-002) (0904167-02) Water Sampled: 04/09/09 10:30 Received: 04/09/09 15:40									
Calcium	280	0.53	mg/L	1	B9D1420	04/14/09	04/16/09 12:34	EPA 200.7	
Copper	ND	0.011	"	"	"	"	04/16/09 12:36	"	
Iron	0.37	0.052	"	"	"	"	"	"	
Potassium	4.1	0.90	"	"	"	"	04/16/09 12:34	"	
Magnesium	64	0.41	"	"	"	"	"	"	
Manganese	0.67	0.0060	"	"	"	"	04/16/09 12:36	"	
Sodium	220	0.71	"	"	"	"	04/16/09 12:34	"	
Zinc	ND	0.013	"	"	"	"	04/16/09 12:37	"	
SJBA #4 (PSCode 3010120-003) (0904167-03) Water Sampled: 04/09/09 10:45 Received: 04/09/09 15:40									
Calcium	230	0.53	mg/L	1	B9D1420	04/14/09	04/16/09 12:39	EPA 200.7	
Copper	ND	0.011	"	"	"	"	04/16/09 12:41	"	
Iron	0.45	0.052	"	"	"	"	"	"	
Potassium	4.6	0.90	"	"	"	"	04/16/09 12:39	"	
Magnesium	62	0.41	"	"	"	"	"	"	
Manganese	1.0	0.0060	"	"	"	"	04/16/09 12:41	"	
Sodium	210	0.71	"	"	"	"	04/16/09 12:39	"	
Zinc	ND	0.013	"	"	"	"	04/16/09 12:42	"	

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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:
 04/20/09 09:42

Metals by EPA 200 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CVWD #1 (PSCode 3010120-004) (0904167-04) Water Sampled: 04/09/09 10:15 Received: 04/09/09 15:40									
Calcium	250	0.53	mg/L	1	B9D1420	04/14/09	04/16/09 12:45	EPA 200.7	
Copper	ND	0.011	"	"	"	"	04/16/09 12:46	"	
Iron	0.20	0.052	"	"	"	"	"	"	
Potassium	3.5	0.90	"	"	"	"	04/16/09 12:45	"	
Magnesium	51	0.41	"	"	"	"	"	"	
Manganese	0.18	0.0060	"	"	"	"	04/16/09 12:46	"	
Sodium	160	0.71	"	"	"	"	04/16/09 12:44	"	
Zinc	ND	0.013	"	"	"	"	04/16/09 12:47	"	
Dance Hall (PSCode 3010120-005) (0904167-05) Water Sampled: 04/09/09 11:30 Received: 04/09/09 15:40									
Calcium	300	0.53	mg/L	1	B9D1421	04/14/09	04/16/09 14:00	EPA 200.7	
Copper	ND	0.011	"	"	"	"	04/16/09 14:02	"	
Iron	5.7	0.052	"	"	"	"	"	"	
Potassium	4.2	0.90	"	"	"	"	04/16/09 14:00	"	
Magnesium	85	0.41	"	"	"	"	"	"	
Manganese	1.4	0.0060	"	"	"	"	04/16/09 14:02	"	
Sodium	260	0.71	"	"	"	"	04/16/09 14:00	"	
Zinc	ND	0.013	"	"	"	"	04/16/09 14:02	"	
Tirador (PSCode 3010120-006) (0904167-06) Water Sampled: 04/09/09 08:40 Received: 04/09/09 15:40									
Calcium	260	0.53	mg/L	1	B9D1421	04/14/09	04/16/09 14:29	EPA 200.7	
Copper	ND	0.011	"	"	"	"	04/16/09 14:31	"	
Iron	2.9	0.052	"	"	"	"	"	"	
Potassium	5.5	0.90	"	"	"	"	04/16/09 14:29	"	
Magnesium	76	0.41	"	"	"	"	"	"	
Manganese	1.6	0.0060	"	"	"	"	04/16/09 14:31	"	
Sodium	300	0.71	"	"	"	"	04/16/09 14:29	"	
Zinc	ND	0.013	"	"	"	"	04/16/09 14:32	"	

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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:
 04/20/09 09:42

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) (0904167-01) Water Sampled: 04/09/09 10:00 Received: 04/09/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D1402	04/14/09	04/14/09 10:58	EPA 8260B	
Surrogate: Dibromofluoromethane		110 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		102 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0904167-02) Water Sampled: 04/09/09 10:30 Received: 04/09/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D1402	04/14/09	04/14/09 10:58	EPA 8260B	
Surrogate: Dibromofluoromethane		110 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		101 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0904167-03) Water Sampled: 04/09/09 10:45 Received: 04/09/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D1402	04/14/09	04/14/09 10:58	EPA 8260B	
Surrogate: Dibromofluoromethane		109 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		101 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	86-115		"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0904167-04) Water Sampled: 04/09/09 10:15 Received: 04/09/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D1402	04/14/09	04/14/09 10:58	EPA 8260B	
Surrogate: Dibromofluoromethane		111 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		101 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0904167-05) Water Sampled: 04/09/09 11:30 Received: 04/09/09 15:40									
Methyl tert-butyl ether	1.1	0.50	µg/L	1	B9D1402	04/14/09	04/14/09 10:58	EPA 8260B	
Surrogate: Dibromofluoromethane		111 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		100 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	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:
04/20/09 09:42

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 B9D1418 - Organic Carbon

Blank (B9D1418-BLK1)

Prepared & Analyzed: 04/15/09

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:
 04/20/09 09:42

Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9D1420 - EPA 200 Series

Blank (B9D1420-BLK1)

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	ND	0.53	mg/L							
Copper	ND	0.011	"							
Iron	ND	0.052	"							
Magnesium	ND	0.41	"							
Manganese	ND	0.0060	"							
Potassium	ND	0.90	"							
Sodium	ND	0.71	"							
Zinc	ND	0.013	"							

Blank (B9D1420-BLK2)

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	ND	0.53	mg/L							
Copper	ND	0.011	"							
Iron	ND	0.052	"							
Magnesium	ND	0.41	"							
Manganese	ND	0.0060	"							
Potassium	ND	0.90	"							
Sodium	ND	0.71	"							
Zinc	ND	0.013	"							

LCS (B9D1420-BS1)

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	10.2	0.53	mg/L	10.2	100	80-120
Copper	0.219	0.011	"	0.200	110	85-115
Iron	0.221	0.052	"	0.200	110	70-130
Magnesium	10.5	0.41	"	10.2	103	80-120
Manganese	0.218	0.0060	"	0.200	109	85-115
Potassium	10.0	0.90	"	10.2	98.0	80-120
Sodium	10.1	0.71	"	10.2	99.0	80-120
Zinc	0.209	0.013	"	0.200	104	85-115

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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:
 04/20/09 09:42

Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9D1420 - EPA 200 Series

LCS (B9D1420-BS2)

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	10.2	0.53	mg/L	10.2		100	80-120			
Copper	0.214	0.011	"	0.200		107	85-115			
Iron	0.213	0.052	"	0.200		106	70-130			
Magnesium	10.3	0.41	"	10.2		101	80-120			
Manganese	0.212	0.0060	"	0.200		106	85-115			
Potassium	9.97	0.90	"	10.2		97.7	80-120			
Sodium	10.2	0.71	"	10.2		100	80-120			
Zinc	0.200	0.013	"	0.200		100	85-115			

Matrix Spike (B9D1420-MS1)

Source: 0904138-01

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	11.0	0.53	mg/L	10.2	0.90	99.0	70-130			
Copper	0.221	0.011	"	0.200	0.0026	109	70-130			
Iron	0.252	0.052	"	0.200	0.029	112	70-130			
Magnesium	10.6	0.41	"	10.2	0.25	101	70-130			
Manganese	0.221	0.0060	"	0.200	0.0035	109	70-130			
Potassium	10.2	0.90	"	10.2	0.39	96.2	70-130			
Sodium	23.6	0.71	"	10.2	14	94.1	70-130			
Zinc	0.224	0.013	"	0.200	0.014	105	70-130			

Matrix Spike (B9D1420-MS2)

Source: 0904154-01

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	31.0	0.53	mg/L	10.2	21	98.0	70-130			
Copper	0.215	0.011	"	0.200	ND	108	70-130			
Iron	0.236	0.052	"	0.200	0.026	105	70-130			
Magnesium	15.6	0.41	"	10.2	5.5	99.0	70-130			
Manganese	0.209	0.0060	"	0.200	0.0029	103	70-130			
Potassium	11.1	0.90	"	10.2	1.5	94.1	70-130			
Sodium	23.6	0.71	"	10.2	14	94.1	70-130			
Zinc	0.201	0.013	"	0.200	0.0047	98.2	70-130			

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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:
 04/20/09 09:42

Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9D1420 - EPA 200 Series

Matrix Spike Dup (B9D1420-MSD1)		Source: 0904138-01			Prepared: 04/14/09		Analyzed: 04/16/09			
Calcium	10.9	0.53	mg/L	10.2	0.90	98.0	70-130	0.913	20	
Copper	0.222	0.011	"	0.200	0.0026	110	70-130	0.451	20	
Iron	0.246	0.052	"	0.200	0.029	108	70-130	2.41	20	
Magnesium	10.5	0.41	"	10.2	0.25	100	70-130	0.948	20	
Manganese	0.226	0.0060	"	0.200	0.0035	111	70-130	2.24	20	
Potassium	10.3	0.90	"	10.2	0.39	97.2	70-130	0.976	20	
Sodium	23.8	0.71	"	10.2	14	96.1	70-130	0.844	20	
Zinc	0.220	0.013	"	0.200	0.014	103	70-130	1.80	20	

Matrix Spike Dup (B9D1420-MSD2)		Source: 0904154-01			Prepared: 04/14/09		Analyzed: 04/16/09			
Calcium	31.9	0.53	mg/L	10.2	21	107	70-130	2.86	20	
Copper	0.211	0.011	"	0.200	ND	106	70-130	1.88	20	
Iron	0.246	0.052	"	0.200	0.026	110	70-130	4.15	20	
Magnesium	15.8	0.41	"	10.2	5.5	101	70-130	1.27	20	
Manganese	0.212	0.0060	"	0.200	0.0029	105	70-130	1.43	20	
Potassium	11.0	0.90	"	10.2	1.5	93.1	70-130	0.905	20	
Sodium	23.7	0.71	"	10.2	14	95.1	70-130	0.423	20	
Zinc	0.198	0.013	"	0.200	0.0047	96.6	70-130	1.50	20	

Batch B9D1421 - EPA 200 Series

Blank (B9D1421-BLK1)					Prepared: 04/14/09		Analyzed: 04/16/09			
Calcium	ND	0.53	mg/L							
Copper	ND	0.011	"							
Iron	ND	0.052	"							
Magnesium	ND	0.41	"							
Manganese	ND	0.0060	"							
Potassium	ND	0.90	"							
Sodium	ND	0.71	"							
Zinc	ND	0.013	"							

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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:
 04/20/09 09:42

Metals by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9D1421 - EPA 200 Series

LCS (B9D1421-BS1)

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	10.1	0.53	mg/L	10.2		99.0	80-120			
Copper	0.204	0.011	"	0.200		102	85-115			
Iron	0.207	0.052	"	0.200		104	70-130			
Magnesium	10.2	0.41	"	10.2		100	80-120			
Manganese	0.201	0.0060	"	0.200		100	85-115			
Potassium	9.74	0.90	"	10.2		95.5	80-120			
Sodium	10.1	0.71	"	10.2		99.0	80-120			
Zinc	0.194	0.013	"	0.200		97.0	85-115			

Matrix Spike (B9D1421-MS1)

Source: 0904167-05

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	316	0.53	mg/L	10.2	300	157	70-130			QM-07
Copper	0.211	0.011	"	0.200	ND	106	70-130			
Iron	5.85	0.052	"	0.200	5.7	75.0	70-130			
Magnesium	94.3	0.41	"	10.2	85	91.2	70-130			
Manganese	1.65	0.0060	"	0.200	1.4	125	70-130			
Potassium	14.7	0.90	"	10.2	4.2	103	70-130			
Sodium	267	0.71	"	10.2	260	68.6	70-130			QM-07
Zinc	0.172	0.013	"	0.200	ND	86.0	70-130			

Matrix Spike Dup (B9D1421-MSD1)

Source: 0904167-05

Prepared: 04/14/09 Analyzed: 04/16/09

Calcium	316	0.53	mg/L	10.2	300	157	70-130	0.00	20	QM-07
Copper	0.216	0.011	"	0.200	ND	108	70-130	2.34	20	
Iron	5.64	0.052	"	0.200	5.7	NR	70-130	3.66	20	QM-07
Magnesium	94.7	0.41	"	10.2	85	95.1	70-130	0.423	20	
Manganese	1.64	0.0060	"	0.200	1.4	120	70-130	0.608	20	
Potassium	14.8	0.90	"	10.2	4.2	104	70-130	0.678	20	
Sodium	268	0.71	"	10.2	260	78.4	70-130	0.374	20	
Zinc	0.173	0.013	"	0.200	ND	86.5	70-130	0.580	20	

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CHAIN OF CUSTODY RECORD



CLIENT INFORMATION			
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:	JEFF ROMERO

Laboratory Use Only	
Hours:	0904167
Miles:	
Equipment:	

Sample Date	Test Request	Sample Type	Parameters															Number of Containers				Preservation				
4/9/2009	Colliert 10 Tube	1 Routine W Well 2 Repeat D Distribution 3 Replacement O Other 4 Special 5 Other	Iron	Manganese	TDS	Turbidity	Conductivity	Color	HPC	Coliform	Nitrate	Sulfate	TOC	Gen. Physical	Alkalinity	Fluoride	General Mineral	MTBE (Sim-8260)	Sample type	PLASTIC	GLASS	VOA	STERILE	TEMP	ACID	BASE

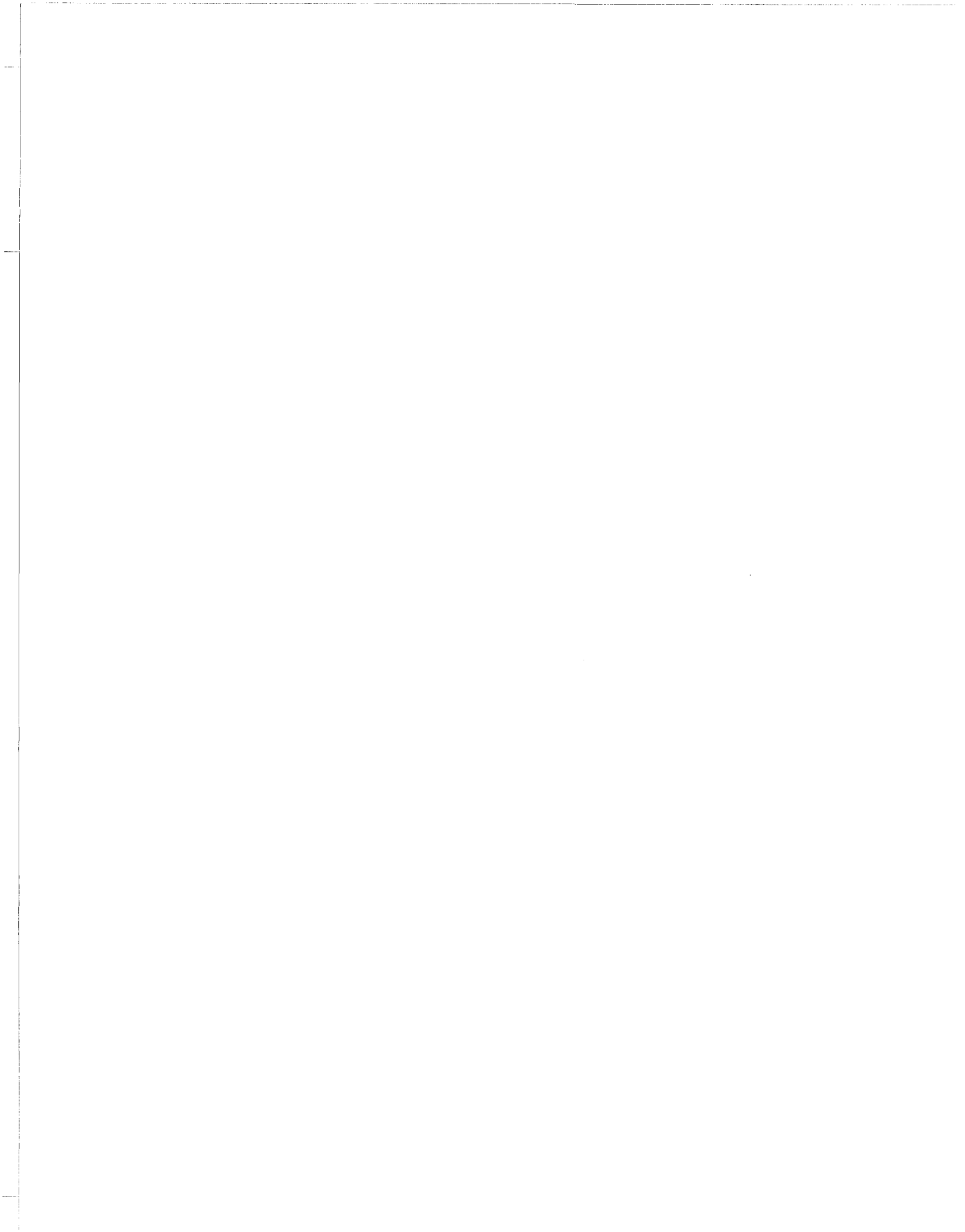
01
02
03
04
05
06

Sample Identification	Sample Number	Collection Time	pH	Chlorine Residual	Temp	Iron	Manganese	TDS	Turbidity	Conductivity	Color	HPC	Coliform	Nitrate	Sulfate	TOC	Gen. Physical	Alkalinity	Fluoride	General Mineral	MTBE (Sim-8260)	Sample type	PLASTIC	GLASS	VOA	STERILE	TEMP	ACID	BASE
Kinoshita well (PS Code 3010120-001)	001	10 AM				X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	1W	3		3				
SJBA # 2 (PS Code 3010120-002)	002	10:30 AM				X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	1W	3		3				
SJBA # 4 (PS Code 3010120-003)	003	10:45 AM				X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	1W	3		3				
CVWD # 1 (PS Code 3010120-004)	004	10:15 AM				X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	1W	3		3				
Dance Hall (PS Code 3010120-005)	005	11:30 AM				X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	1W	4		3				
Tirador (PS Code 3010120-006)	006	8:40 AM				X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	1W	4		3				
CD Final Blended (PS Code 3010120-007)	007																												
CD RO Bypass (PS Code 3010120-009)	009																												
CD Product Water (PS Code 3010120-010)	010																												
CD Permeate A (PS Code 3010120-011)	011																												
CD Permeate B (PS Code 3010120-012)	012																												
CD Raw Water (PS Code 3010120-013)	013																												

SPECIAL INSTRUCTIONS:	TURNAROUND TIME:	SAMPLE DISPOSAL:
6 - 100-mL Bacti Bottle 1 - 250-mL Bottle	<input type="checkbox"/> 18 HOUR <input type="checkbox"/> 72 HOUR	<input type="checkbox"/> RETURN <input type="checkbox"/> HOLD <input checked="" type="checkbox"/> DISPOSE
13 - 1 Ltr Bottle	<input type="checkbox"/> 24 HOUR <input type="checkbox"/> 5 DAY	SHIPPED VIA
18 - 40-mL VOAs	<input type="checkbox"/> 48 HOUR <input checked="" type="checkbox"/> STANDARD	Lab Pick Up
SEND EDT To DPH	QC LEVEL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	

SAMPLE RELINQUISHED BY:	PRINT NAME/COMPANY:	DATE/TIME:	SAMPLE RECEIVED BY:	PRINT NAME/COMPANY:
JEFF ROMERO	City of San Juan Capistrano	4/9/09	Nate Blankell 4/9 3:46	Sierra Analytical

(KCC010-021E2-023A)





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:
04/23/09 13:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0904316-01	Water	04/21/09 10:50	04/21/09 16:10
SJBA #2 (PSCode 3010120-002)	0904316-02	Water	04/21/09 10:25	04/21/09 16:10
SJBA #4 (PSCode 3010120-003)	0904316-03	Water	04/21/09 10:17	04/21/09 16:10
CVWD #1 (PSCode 3010120-004)	0904316-04	Water	04/21/09 10:40	04/21/09 16:10
Dance Hall (PSCode 3010120-005)	0904316-05	Water	04/21/09 11:07	04/21/09 16:10

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: 04/23/09 13:18
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MTBE by EPA Method 8260B (SIM - Selective Ion Mode)

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Kinoshita Well (PSCode 3010120-001) (0904316-01) Water Sampled: 04/21/09 10:50 Received: 04/21/09 16:10									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D2218	04/22/09	04/22/09 15:29	EPA 8260B	
Surrogate: Dibromofluoromethane		105 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		103 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0904316-02) Water Sampled: 04/21/09 10:25 Received: 04/21/09 16:10									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D2218	04/22/09	04/22/09 15:29	EPA 8260B	
Surrogate: Dibromofluoromethane		106 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		102 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0904316-03) Water Sampled: 04/21/09 10:17 Received: 04/21/09 16:10									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D2218	04/22/09	04/22/09 15:29	EPA 8260B	
Surrogate: Dibromofluoromethane		107 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		103 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	86-115		"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0904316-04) Water Sampled: 04/21/09 10:40 Received: 04/21/09 16:10									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9D2218	04/22/09	04/22/09 15:29	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		102 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0904316-05) Water Sampled: 04/21/09 11:07 Received: 04/21/09 16:10									
Methyl tert-butyl ether	1.6	0.50	µg/L	1	B9D2218	04/22/09	04/22/09 15:29	EPA 8260B	
Surrogate: Dibromofluoromethane		108 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		102 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	86-115		"	"	"	"	

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



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:
 04/23/09 13:18

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 B9D2218 - EPA 5030B P & T										
Blank (B9D2218-BLK1)										
Prepared & Analyzed: 04/22/09										
Methyl tert-butyl ether	ND	0.50	µg/L							
Surrogate: Dibromofluoromethane	52.3		"	50.0		105	86-118			
Surrogate: Toluene-d8	50.7		"	50.0		101	88-110			
Surrogate: 4-Bromofluorobenzene	51.7		"	50.0		103	86-115			
LCS (B9D2218-BS1)										
Prepared & Analyzed: 04/22/09										
Methyl tert-butyl ether	54.3	0.50	µg/L	50.0		109	80-120			
Matrix Spike (B9D2218-MS1)										
Source: 0904316-05 Prepared & Analyzed: 04/22/09										
Methyl tert-butyl ether	54.1	0.50	µg/L	50.0	1.6	105	37-160			
Matrix Spike Dup (B9D2218-MSD1)										
Source: 0904316-05 Prepared & Analyzed: 04/22/09										
Methyl tert-butyl ether	53.5	0.50	µg/L	50.0	1.6	104	37-160	1.12	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.

CHAIN OF CUSTODY RECORD



CLIENT INFORMATION

Laboratory Use Only

Company: City of San Juan Capistrano **Contact Name:** West Curry
Address: 32470 Paseo Adelanto
City: San Juan Capistrano **State:** CA **Zip:** 92675
Billing Address: Same As Above
Telephone: (949) 487-4307 **Fax:** (949) 429-5147
Project Name: MTBE Wells **P.O. Number:**
Sampler's Co.: City of San Juan Capistrano **Sampler's Name:**

Hours: 0904316
Miles: _____
Equipment: _____

Sample Date	Sample Type:	W Well	Parameters												Number of Containers				Preservation		
			1 Routine	D Distribution	2 Repeat	O Other	3 Replacement	4 Special	5 Other	Sample type	PLASTIC	GLASS	VOA	STERILE	TEMP	ACID	BASE				
Sample Identification	Sample Number	Collection Time	pH	Chlorine Residual	Temp	MTBE - 0280 (SM)															
01 Kinoshita well (PS Code 3010120-001)	001	10:50p				X									1W		3				
02 SJBA # 2 (PS Code 3010120-002)	002	10:25p				X									1W		3				
03 SJBA # 4 (PS Code 3010120-003)	003	10:17p				X									1W		3				
04 CVWD # 1 (PS Code 3010120-004)	004	10:40p				X									1W		3				
05 Dance Hall (PS Code 3010120-005)	005	11:07p				X									1W		3				
Tirador (PS Code 3010120-006)	006																				

SPECIAL INSTRUCTIONS:

TURNAROUND TIME:

SAMPLE DISPOSAL:

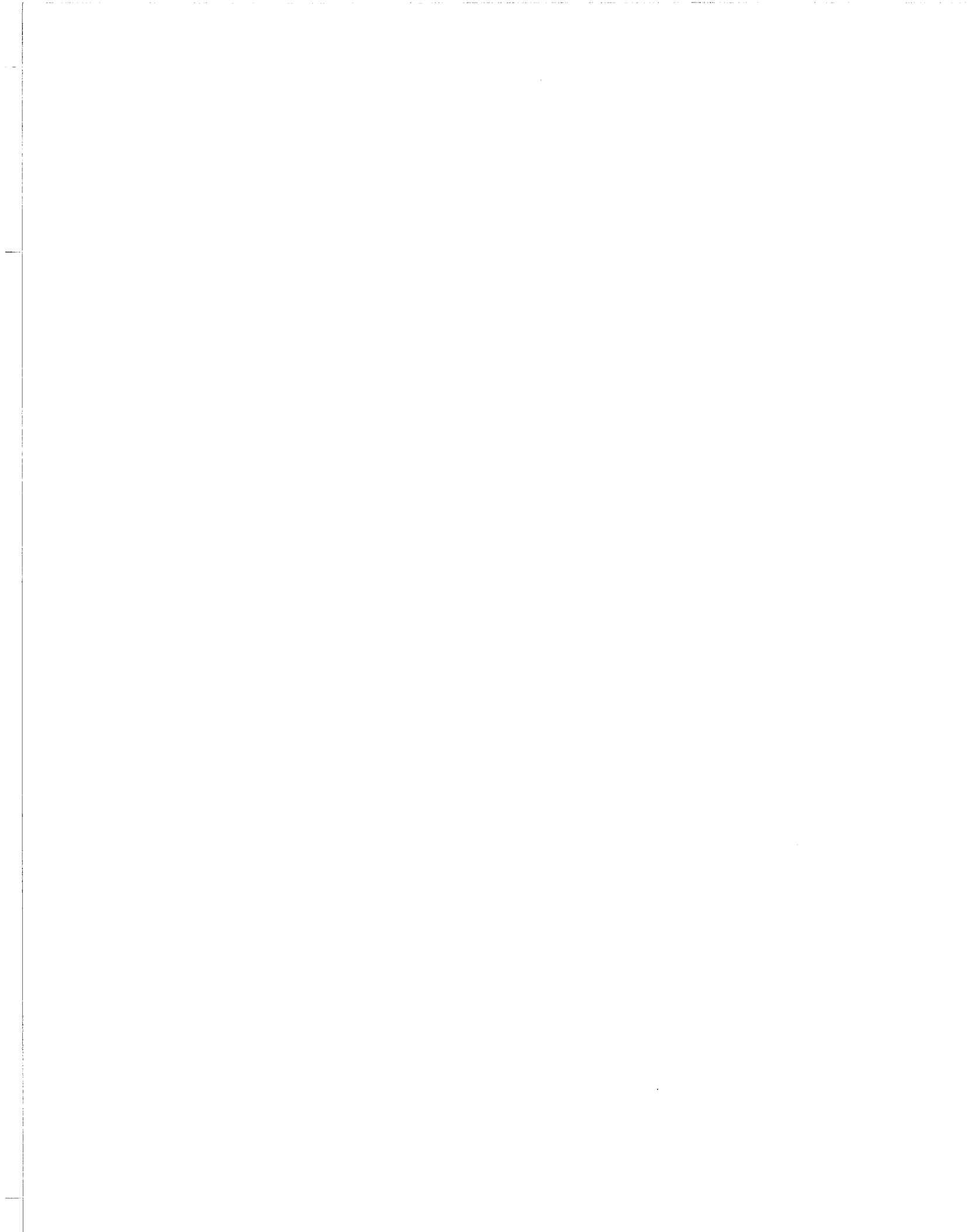
18 HOUR 72 HOUR
 24 HOUR 5 DAY
 48 HOUR STANDARD
QC LEVEL 1 2 3

RETURN HOLD DISPOSE

SHIPPED VIA:

Lab Pick Up

SAMPLE RECEIVED BY	PRINT NAME/COMPANY	DATE/TIME	SAMPLE RECEIVED BY	PRINT NAME/COMPANY
<i>[Signature]</i>	SJC / Brian M. [Signature]	4-21-9 / 4:40 4/21/08 4:45	<i>[Signature]</i>	John [Signature]





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:
05/12/09 08:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0905129-01	Water	05/11/09 10:00	05/11/09 11:30
SJBA #2 (PSCode 3010120-002)	0905129-02	Water	05/11/09 09:15	05/11/09 11:30
SJBA #4 (PSCode 3010120-003)	0905129-03	Water	05/11/09 09:30	05/11/09 11:30
CVWD #1 (PSCode 3010120-004)	0905129-04	Water	05/11/09 09:00	05/11/09 11:30
Dance Hall (PSCode 3010120-005)	0905129-05	Water	05/11/09 11:00	05/11/09 11:30
Tirador (PSCode 3010120-006)	0905129-06	Water	05/11/09 10:30	05/11/09 11:30

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.

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:
 05/12/09 08:17

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) (0905129-01) Water Sampled: 05/11/09 10:00 Received: 05/11/09 11:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1114	05/11/09	05/12/09 07:53	EPA 8260B	
Surrogate: Dibromofluoromethane		96.8 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		93.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.6 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0905129-02) Water Sampled: 05/11/09 09:15 Received: 05/11/09 11:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1114	05/11/09	05/12/09 07:53	EPA 8260B	
Surrogate: Dibromofluoromethane		96.6 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.0 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0905129-03) Water Sampled: 05/11/09 09:30 Received: 05/11/09 11:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1114	05/11/09	05/12/09 07:53	EPA 8260B	
Surrogate: Dibromofluoromethane		97.0 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		92.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.0 %	86-115		"	"	"	"	
CVVD #1 (PSCode 3010120-004) (0905129-04) Water Sampled: 05/11/09 09:00 Received: 05/11/09 11:30									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1114	05/11/09	05/12/09 07:53	EPA 8260B	
Surrogate: Dibromofluoromethane		98.4 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		92.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.0 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0905129-05) Water Sampled: 05/11/09 11:00 Received: 05/11/09 11:30									
Methyl tert-butyl ether	1.1	0.50	µg/L	1	B9E1114	05/11/09	05/12/09 07:53	EPA 8260B	
Surrogate: Dibromofluoromethane		98.2 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		93.4 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.8 %	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: MTBE Wells
 Project Manager: Glenn Garrett

Reported:
 05/12/09 08:17

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 B9E1114 - EPA 5030B P & T										
Blank (B9E1114-BLK1)										
				Prepared: 05/11/09 Analyzed: 05/12/09						
Methyl tert-butyl ether	ND	0.50	µg/L							
Surrogate: Dibromofluoromethane	49.5		"	50.0		99.0	86-118			
Surrogate: Toluene-d8	47.0		"	50.0		94.0	88-110			
Surrogate: 4-Bromofluorobenzene	43.9		"	50.0		87.8	86-115			
LCS (B9E1114-BS1)										
				Prepared: 05/11/09 Analyzed: 05/12/09						
Methyl tert-butyl ether	49.4	0.50	µg/L	50.0		98.8	80-120			
Matrix Spike (B9E1114-MS1)										
				Source: 0905129-01 Prepared: 05/11/09 Analyzed: 05/12/09						
Methyl tert-butyl ether	37.9	0.50	µg/L	50.0	ND	75.8	37-160			
Matrix Spike Dup (B9E1114-MSD1)										
				Source: 0905129-01 Prepared: 05/11/09 Analyzed: 05/12/09						
Methyl tert-butyl ether	33.8	0.50	µg/L	50.0	ND	67.6	37-160	11.4	30	

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

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

Reported:
05/21/09 13:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0905281-01	Water	05/19/09 10:35	05/19/09 15:40
SJBA #2 (PSCode 3010120-002)	0905281-02	Water	05/19/09 09:30	05/19/09 15:40
SJBA #4 (PSCode 3010120-003)	0905281-03	Water	05/19/09 09:50	05/19/09 15:40
CVWD #1 (PSCode 3010120-004)	0905281-04	Water	05/19/09 10:15	05/19/09 15:40
Tirador (PSCode 3010120-006)	0905281-05	Water	05/19/09 09:00	05/19/09 15:40
Dance Hall (PSCode 3010120-005)	0905281-06	Water	05/19/09 11:05	05/19/09 15:40
Clearwell	0905281-07	Water	05/19/09 08:30	05/19/09 15:40

CASE NARRATIVE

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

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:
05/21/09 13:51

Volatile Organic Compounds by EPA Method 524.2

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Clearwell (0905281-07) Water Sampled: 05/19/09 08:30 Received: 05/19/09 15:40									
Methyl tert-butyl ether	ND	3.00	µg/L	1	B9E2029	05/20/09	05/21/09 08:12	EPA 524.2	
Surrogate: 4-Bromofluorobenzene		102 %	86-115		"	"	"	"	
Surrogate: Toluene-d8		99.6 %	88-110		"	"	"	"	
Surrogate: Dibromofluoromethane		109 %	86-118		"	"	"	"	

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:
 05/21/09 13:51

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) (0905281-01) Water Sampled: 05/19/09 10:35 Received: 05/19/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1907	05/19/09	05/20/09 08:26	EPA 8260B	
Surrogate: Dibromofluoromethane		105 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.2 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0905281-02) Water Sampled: 05/19/09 09:30 Received: 05/19/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1907	05/19/09	05/20/09 08:26	EPA 8260B	
Surrogate: Dibromofluoromethane		105 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.6 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0905281-03) Water Sampled: 05/19/09 09:50 Received: 05/19/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1907	05/19/09	05/20/09 08:26	EPA 8260B	
Surrogate: Dibromofluoromethane		106 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.8 %	86-115		"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0905281-04) Water Sampled: 05/19/09 10:15 Received: 05/19/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1907	05/19/09	05/20/09 08:26	EPA 8260B	
Surrogate: Dibromofluoromethane		106 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.6 %	86-115		"	"	"	"	
Tirador (PSCode 3010120-006) (0905281-05) Water Sampled: 05/19/09 09:00 Received: 05/19/09 15:40									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9E1907	05/19/09	05/20/09 08:26	EPA 8260B	
Surrogate: Dibromofluoromethane		112 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.2 %	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:
 05/21/09 13:51

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 (PSCode 3010120-005) (0905281-06) Water. Sampled: 05/19/09 11:05 Received: 05/19/09 15:40									
Methyl tert-butyl ether	1.5	0.50	µg/L	1	B9E1907	05/19/09	05/20/09 08:26	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		<i>104 %</i>	<i>86-118</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>97.8 %</i>	<i>88-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.8 %</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 Wells
Project Manager: Glenn Garrett

Reported:
05/21/09 13:51

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 B9E2029 - EPA 500 Series

Blank (B9E2029-BLK1)

Prepared: 05/20/09 Analyzed: 05/21/09

Methyl tert-butyl ether	ND	3.00	µg/L							
Surrogate: 4-Bromofluorobenzene	56.9		"	50.0		114	86-115			
Surrogate: Toluene-d8	47.6		"	50.0		95.2	88-110			
Surrogate: Dibromofluoromethane	52.9		"	50.0		106	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 Wells
 Project Manager: Glenn Garrett

Reported:
 05/21/09 13:51

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 B9E1907 - EPA 5030B P & T

Blank (B9E1907-BLK1)

Prepared: 05/19/09 Analyzed: 05/20/09

Methyl tert-butyl ether	ND	0.50	µg/L							
Surrogate: Dibromofluoromethane	50.0	"		50.0		100	86-118			
Surrogate: Toluene-d8	48.4	"		50.0		96.8	88-110			
Surrogate: 4-Bromofluorobenzene	44.4	"		50.0		88.8	86-115			

LCS (B9E1907-BS1)

Prepared: 05/19/09 Analyzed: 05/20/09

Methyl tert-butyl ether	41.9	0.50	µg/L	50.0		83.8	80-120			
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Matrix Spike (B9E1907-MS1)

Source: 0905210-02

Prepared: 05/19/09 Analyzed: 05/20/09

Methyl tert-butyl ether	42.3	0.50	µg/L	50.0	ND	84.6	37-160			
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Matrix Spike Dup (B9E1907-MSD1)

Source: 0905210-02

Prepared: 05/19/09 Analyzed: 05/20/09

Methyl tert-butyl ether	35.3	0.50	µg/L	50.0	ND	70.6	37-160	18.0	30	
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SIERRA ANALYTICAL
 TEL: 949-348-9389
 FAX: 949-348-9115
 26052 Merit Circle • Suite 105 • Laguna Hills, CA • 92653

CHAIN OF CUSTODY RECORD

Date: 5/19/09 Page 1 of 1

Lab Project No.: 0905281

Client: City of San Juan Cap Client Project ID: MTBE Production Wells

Client Address: 32450 Paseo Adelanto
San Juan Cap CA 92675

Client Tel. No.: 949 234 4415

Client Fax. No.: 949 493 8432

Client Proj. Mgr.: Glenn GARRETT

Analysis Requested

Geotracker EDD Info:

Client LOGCODE

Site Global ID

Field Point Names/Comments

Client Sample ID.	Sierra No.	Date	Time	Matrix	Preservative	Container Type	No. of Containers												
Kinoshita	01	5/19	10 ²⁵ AM	W	HCL	40 ml VOA	3	X											Normal "TAT"
STBA 2	02	5/19	9 ³⁰ AM	W	HCL	40 ml VOA	3	X											
STBA 4	03	5/19	9 ⁵⁰ AM	W	HCL	40 ml VOA	3	X											USE SIM method
CVWD 1	04	5/19	10 ¹⁵ AM	W	HCL	40 ml VOA	3	X											524.2
TIRADOR	05	5/19	9 AM	W	HCL	40 ml VOA	3	X											
Dance Hall	06	5/19	11 ⁰⁵ AM	W	HCL	40 ml VOA	3	X											
Clearwell	07	5/19	8 ³⁰ AM	W	HCL	40 ml VOA	3	X											

Turn Around Immediate 24 Hour
 Time Requested 48 Hour 72 Hour
 4 Day 5 Day
 Normal Mobile

Shipped Via: 21 Total Number of Containers Submitted to Laboratory

Sample Disposal:
 Return to Client
 Lab Disposal*
 Archive _____ mos.
 Other _____

1) Sampler Signature: Jeff Romero Printed Name: JEFF ROMERO
 Relinquished By: JEFF ROMERO Date: 5/19/09 Received By: B. Maff Date: 5/19/09
 Company: CSJCU Time: 11:30 AM Company: SA Time: 1540

2) Relinquished By: B. Maff Date: 5/19/09 Received By: [Signature] Date: 5/19/09
 Company: SA Time: 1600 Company: Sierra Time: 1600

3) Relinquished By: _____ Date: _____ Received By: _____ Date: _____
 Company: _____ Time: _____ Company: _____ Time: _____

4) Relinquished By: _____ Date: _____ Received By: _____ Date: _____
 Company: _____ Time: _____ Company: _____ Time: _____

Special Instructions:

FOR LABORATORY USE ONLY - Sample Receipt Conditions:
 Intact Chilled - Temp. (°C) 7-0
 Sample Seals Preservatives - Verified By _____
 Properly Labelled Other _____
 Appropriate Sample Container Storage Location 13A



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:
06/10/09 11:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0906050-01	Water	06/02/09 12:30	06/02/09 17:00
SJBA #2 (PSCode 3010120-002)	0906050-02	Water	06/02/09 11:20	06/02/09 17:00
SJBA #4 (PSCode 3010120-003)	0906050-03	Water	06/03/09 11:05	06/02/09 17:00
CVWD #1 (PSCode 3010120-004)	0906050-04	Water	06/02/09 11:30	06/02/09 17:00
Dance Hall (PSCode 3010120-005)	0906050-05	Water	06/02/09 13:15	06/02/09 17:00
Tirador (PSCode 3010120-006)	0906050-06	Water	06/02/09 13:45	06/02/09 17:00
CD Product Water (PSCode:3010120-010)	0906050-07	Water	06/02/09 08:22	06/02/09 17:00

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: Quarterly Wells & Plant
 Project Manager: West Curry

Reported:
 06/10/09 11:35

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) (0906050-01) Water Sampled: 06/02/09 12:30 Received: 06/02/09 17:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9F0310	06/03/09	06/04/09 08:13	EPA 8260B	
Surrogate: Dibromofluoromethane		101 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		104 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.6 %	86-115		"	"	"	"	
SJBA #2 (PSCode 3010120-002) (0906050-02) Water Sampled: 06/02/09 11:20 Received: 06/02/09 17:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9F0310	06/03/09	06/04/09 08:13	EPA 8260B	
Surrogate: Dibromofluoromethane		100 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		103 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.8 %	86-115		"	"	"	"	
SJBA #4 (PSCode 3010120-003) (0906050-03) Water Sampled: 06/03/09 11:05 Received: 06/02/09 17:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9F0310	06/03/09	06/04/09 08:13	EPA 8260B	
Surrogate: Dibromofluoromethane		97.8 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		103 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.8 %	86-115		"	"	"	"	
CVWD #1 (PSCode 3010120-004) (0906050-04) Water Sampled: 06/02/09 11:30 Received: 06/02/09 17:00									
Methyl tert-butyl ether	ND	0.50	µg/L	1	B9F0310	06/03/09	06/04/09 08:13	EPA 8260B	
Surrogate: Dibromofluoromethane		99.4 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		103 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.6 %	86-115		"	"	"	"	
Dance Hall (PSCode 3010120-005) (0906050-05) Water Sampled: 06/02/09 13:15 Received: 06/02/09 17:00									
Methyl tert-butyl ether	0.82	0.50	µg/L	1	B9F0310	06/03/09	06/04/09 08:13	EPA 8260B	
Surrogate: Dibromofluoromethane		97.4 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		105 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.2 %	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: Quarterly Wells & Plant Project Manager: West Curry	Reported: 06/10/09 11:35
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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 B9F0402 - EPA 200 Series

Blank (B9F0402-BLK1)

Prepared & Analyzed: 06/04/09

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	3.3	"							
Nickel	ND	10	"							
Selenium	ND	5.0	"							
Silver	ND	10	"							
Thallium	ND	4.0	"							
Zinc	ND	20	"							

Blank (B9F0402-BLK2)

Prepared & Analyzed: 06/04/09

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	3.3	"							
Nickel	ND	10	"							
Selenium	ND	5.0	"							
Silver	ND	10	"							
Thallium	ND	4.0	"							
Zinc	ND	20	"							

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: 06/10/09 11:35
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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 B9F0402 - EPA 200 Series

LCS (B9F0402-BS1)

Prepared & Analyzed: 06/04/09

Antimony	102	6.0	µg/L	100	102	102	85-115			
Arsenic	99.9	2.0	"	100	99.9	99.9	85-115			
Barium	95.2	100	"	100	95.2	95.2	85-115			
Beryllium	108	4.0	"	100	108	108	78-115			
Cadmium	99.3	1.0	"	100	99.3	99.3	85-115			
Chromium	97.9	10	"	100	97.9	97.9	85-115			
Copper	98.9	10	"	100	98.9	98.9	85-115			
Lead	97.5	3.3	"	100	97.5	97.5	85-115			
Nickel	96.1	10	"	100	96.1	96.1	85-115			
Selenium	104	5.0	"	100	104	104	85-115			
Silver	100	10	"	100	100	100	80-120			
Thallium	95.9	4.0	"	100	95.9	95.9	85-115			
Zinc	105	20	"	100	105	105	85-115			

LCS (B9F0402-BS2)

Prepared & Analyzed: 06/04/09

Antimony	101	6.0	µg/L	100	101	101	85-115			
Arsenic	95.8	2.0	"	100	95.8	95.8	85-115			
Barium	94.6	100	"	100	94.6	94.6	85-115			
Beryllium	87.1	4.0	"	100	87.1	87.1	78-115			
Cadmium	98.0	1.0	"	100	98.0	98.0	85-115			
Chromium	95.1	10	"	100	95.1	95.1	85-115			
Copper	93.4	10	"	100	93.4	93.4	85-115			
Lead	96.5	3.3	"	100	96.5	96.5	85-115			
Nickel	91.2	10	"	100	91.2	91.2	85-115			
Selenium	100	5.0	"	100	100	100	85-115			
Silver	98.8	10	"	100	98.8	98.8	80-120			
Thallium	96.6	4.0	"	100	96.6	96.6	85-115			
Zinc	99.0	20	"	100	99.0	99.0	85-115			

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26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653

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

E-MAIL: SIERRALABS @ SIERRALABS.NET



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: 06/10/09 11:35
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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 B9F0402 - EPA 200 Series

Matrix Spike (B9F0402-MS1)	Source: 0906050-07			Prepared & Analyzed: 06/04/09						
Antimony	103	6.0	µg/L	100	ND	103	70-130			
Arsenic	101	2.0	"	100	ND	101	70-130			
Barium	101	100	"	100	ND	101	70-130			
Beryllium	106	4.0	"	100	ND	106	70-130			
Cadmium	98.0	1.0	"	100	ND	98.0	70-130			
Chromium	96.9	10	"	100	0.93	96.0	70-130			
Copper	96.2	10	"	100	0.71	95.5	70-130			
Lead	94.6	3.3	"	100	0.41	94.2	70-130			
Nickel	93.9	10	"	100	1.1	92.8	70-130			
Selenium	99.5	5.0	"	100	ND	99.5	70-130			
Silver	98.0	10	"	100	ND	98.0	75-125			
Thallium	93.6	4.0	"	100	ND	93.6	70-130			
Zinc	100	20	"	100	ND	100	70-130			

Matrix Spike (B9F0402-MS2)	Source: 0906060-02			Prepared & Analyzed: 06/04/09						
Antimony	102	6.0	µg/L	100	ND	102	70-130			
Arsenic	106	2.0	"	100	16	90.0	70-130			
Barium	304	100	"	100	210	94.0	70-130			
Beryllium	79.1	4.0	"	100	ND	79.1	70-130			
Cadmium	93.6	1.0	"	100	0.19	93.4	70-130			
Chromium	89.6	10	"	100	1.0	88.6	70-130			
Copper	87.8	10	"	100	3.6	84.2	70-130			
Lead	89.3	3.3	"	100	ND	89.3	70-130			
Nickel	84.4	10	"	100	1.3	83.1	70-130			
Selenium	92.2	5.0	"	100	ND	92.2	70-130			
Silver	93.5	10	"	100	ND	93.5	75-125			
Thallium	89.2	4.0	"	100	ND	89.2	70-130			
Zinc	91.4	20	"	100	ND	91.4	70-130			

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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: 06/10/09 11:35
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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 B9F0402 - EPA 200 Series

Matrix Spike Dup (B9F0402-MSD1) **Source: 0906050-07** **Prepared & Analyzed: 06/04/09**

Antimony	102	6.0	µg/L	100	ND	102	70-130	0.976	20	
Arsenic	100	2.0	"	100	ND	100	70-130	0.995	20	
Barium	99.1	100	"	100	ND	99.1	70-130	1.90	20	
Beryllium	102	4.0	"	100	ND	102	70-130	3.85	20	
Cadmium	97.4	1.0	"	100	ND	97.4	70-130	0.614	20	
Chromium	95.9	10	"	100	0.93	95.0	70-130	1.04	20	
Copper	95.1	10	"	100	0.71	94.4	70-130	1.15	20	
Lead	93.9	3.3	"	100	0.41	93.5	70-130	0.743	20	
Nickel	93.4	10	"	100	1.1	92.3	70-130	0.534	20	
Selenium	101	5.0	"	100	ND	101	70-130	1.50	20	
Silver	96.6	10	"	100	ND	96.6	75-125	1.44	20	
Thallium	93.3	4.0	"	100	ND	93.3	70-130	0.321	20	
Zinc	100	20	"	100	ND	100	70-130	0.00	20	

Matrix Spike Dup (B9F0402-MSD2) **Source: 0906060-02** **Prepared & Analyzed: 06/04/09**

Antimony	104	6.0	µg/L	100	ND	104	70-130	1.94	20	
Arsenic	109	2.0	"	100	16	93.0	70-130	2.79	20	
Barium	299	100	"	100	210	89.0	70-130	1.66	20	
Beryllium	81.9	4.0	"	100	ND	81.9	70-130	3.48	20	
Cadmium	97.9	1.0	"	100	0.19	97.7	70-130	4.49	20	
Chromium	92.9	10	"	100	1.0	91.9	70-130	3.62	20	
Copper	90.7	10	"	100	3.6	87.1	70-130	3.25	20	
Lead	92.6	3.3	"	100	ND	92.6	70-130	3.63	20	
Nickel	87.0	10	"	100	1.3	85.7	70-130	3.03	20	
Selenium	94.9	5.0	"	100	ND	94.9	70-130	2.89	20	
Silver	97.0	10	"	100	ND	97.0	75-125	3.67	20	
Thallium	93.0	4.0	"	100	ND	93.0	70-130	4.17	20	
Zinc	94.6	20	"	100	ND	94.6	70-130	3.44	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: 06/10/09 11:35
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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 B9F0404 - EPA 200 Series

Blank (B9F0404-BLK1) Prepared: 06/04/09 Analyzed: 06/05/09

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 (B9F0404-BLK2) Prepared: 06/04/09 Analyzed: 06/05/09

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 (B9F0404-BS1) Prepared: 06/04/09 Analyzed: 06/05/09

Aluminum	0.198	0.050	mg/L	0.200		99.0	75-125			
Calcium	9.63	0.53	"	10.2		94.4	80-120			
Iron	0.208	0.052	"	0.200		104	70-130			
Magnesium	9.97	0.41	"	10.2		97.7	80-120			
Manganese	0.214	0.0060	"	0.200		107	85-115			
Potassium	9.33	0.90	"	10.2		91.5	80-120			
Sodium	9.48	0.71	"	10.2		92.9	80-120			

LCS (B9F0404-BS2) Prepared: 06/04/09 Analyzed: 06/05/09

Aluminum	0.197	0.050	mg/L	0.200		98.5	75-125			
Calcium	9.34	0.53	"	10.2		91.6	80-120			
Iron	0.203	0.052	"	0.200		102	70-130			
Magnesium	9.72	0.41	"	10.2		95.3	80-120			
Manganese	0.206	0.0060	"	0.200		103	85-115			
Potassium	9.10	0.90	"	10.2		89.2	80-120			
Sodium	9.17	0.71	"	10.2		89.9	80-120			

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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: 06/10/09 11:35
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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 B9F0404 - EPA 200 Series

Matrix Spike (B9F0404-MS1)		Source: 0906046-01		Prepared: 06/04/09		Analyzed: 06/05/09				
Aluminum	0.204	0.050	mg/L	0.200	ND	102	70-130			
Calcium	47.1	0.53	"	10.2	37	99.0	70-130			
Iron	0.288	0.052	"	0.200	ND	144	70-130			QM-07
Magnesium	19.2	0.41	"	10.2	9.1	99.0	70-130			
Manganese	0.208	0.0060	"	0.200	0.0041	102	70-130			
Potassium	10.4	0.90	"	10.2	1.1	91.2	70-130			
Sodium	82.5	0.71	"	10.2	71	113	70-130			

Matrix Spike (B9F0404-MS2)		Source: 0906050-07		Prepared: 06/04/09		Analyzed: 06/05/09				
Aluminum	0.198	0.050	mg/L	0.200	ND	99.0	70-130			
Calcium	45.5	0.53	"	10.2	36	93.1	70-130			
Iron	0.202	0.052	"	0.200	ND	101	70-130			
Magnesium	18.7	0.41	"	10.2	9.1	94.1	70-130			
Manganese	0.206	0.0060	"	0.200	ND	103	70-130			
Potassium	10.2	0.90	"	10.2	1.0	90.2	70-130			
Sodium	78.1	0.71	"	10.2	71	69.6	70-130			QM-07

Matrix Spike Dup (B9F0404-MSD1)		Source: 0906046-01		Prepared: 06/04/09		Analyzed: 06/05/09				
Aluminum	0.199	0.050	mg/L	0.200	ND	99.5	70-130	2.48	20	
Calcium	46.5	0.53	"	10.2	37	93.1	70-130	1.28	20	
Iron	0.205	0.052	"	0.200	ND	102	70-130	33.7	20	QM-07
Magnesium	19.0	0.41	"	10.2	9.1	97.1	70-130	1.05	20	
Manganese	0.203	0.0060	"	0.200	0.0041	99.4	70-130	2.43	20	
Potassium	10.1	0.90	"	10.2	1.1	88.2	70-130	2.93	20	
Sodium	79.7	0.71	"	10.2	71	85.3	70-130	3.45	20	

Matrix Spike Dup (B9F0404-MSD2)		Source: 0906050-07		Prepared: 06/04/09		Analyzed: 06/05/09				
Aluminum	0.198	0.050	mg/L	0.200	ND	99.0	70-130	0.00	20	
Calcium	44.9	0.53	"	10.2	36	87.3	70-130	1.33	20	
Iron	0.203	0.052	"	0.200	ND	102	70-130	0.494	20	
Magnesium	18.5	0.41	"	10.2	9.1	92.2	70-130	1.08	20	
Manganese	0.205	0.0060	"	0.200	ND	102	70-130	0.487	20	
Potassium	10.2	0.90	"	10.2	1.0	90.2	70-130	0.00	20	
Sodium	79.2	0.71	"	10.2	71	80.4	70-130	1.40	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:
 06/10/09 11:35

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 B9F0505 - EPA 200 Series										
Blank (B9F0505-BLK1)				Prepared & Analyzed: 06/05/09						
Mercury	ND	0.00030	mg/L							
LCS (B9F0505-BS1)				Prepared & Analyzed: 06/05/09						
Mercury	0.00101	0.00030	mg/L	0.00100		101	80-120			
Matrix Spike (B9F0505-MS1)				Source: 0906047-01		Prepared & Analyzed: 06/05/09				
Mercury	0.00101	0.00030	mg/L	0.00100	ND	101	80-120			
Matrix Spike Dup (B9F0505-MSD1)				Source: 0906047-01		Prepared & Analyzed: 06/05/09				
Mercury	0.00101	0.00030	mg/L	0.00100	ND	101	80-120	0.00	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: 06/10/09 11:35
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Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch B9F0829 - EPA 200 Series									
Blank (B9F0829-BLK1)					Prepared & Analyzed: 06/08/09				
Hexavalent Chromium	ND	0.0010	mg/L						
LCS (B9F0829-BS1)					Prepared & Analyzed: 06/08/09				
Hexavalent Chromium	0.00579	0.0010	mg/L	0.00600		96.5		90-120	
Matrix Spike (B9F0829-MS1)					Prepared & Analyzed: 06/08/09				
Source: 0906050-07									
Hexavalent Chromium	0.00606	0.0010	mg/L	0.00600	ND	101		80-120	
Matrix Spike Dup (B9F0829-MSD1)					Prepared & Analyzed: 06/08/09				
Source: 0906050-07									
Hexavalent Chromium	0.00598	0.0010	mg/L	0.00600	ND	99.7	1.33	80-120	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:
 06/10/09 11:35

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 B9F0308 - EPA 500 Series

Blank (B9F0308-BLK1)

Prepared & Analyzed: 06/03/09

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>	51.6		"	50.0		103	86-118			
<i>Surrogate: Toluene-d8</i>	44.6		"	50.0		89.2	88-110			
<i>Surrogate: 4-Bromofluorobenzene</i>	46.5		"	50.0		93.0	86-115			

LCS (B9F0308-BS1)

Prepared & Analyzed: 06/03/09

Bromodichloromethane	21.9	0.500	µg/L	25.0		87.6	80-120			
Chloroform	25.5	0.500	"	25.0		102	80-120			
Dibromochloromethane	25.0	0.500	"	25.0		100	80-120			

Duplicate (B9F0308-DUP1)

Source: 0905443-05

Prepared & Analyzed: 06/03/09

Bromodichloromethane	ND	0.500	µg/L		ND				30	
Chloroform	ND	0.500	"		ND				30	
Dibromochloromethane	ND	0.500	"		ND				30	

Matrix Spike (B9F0308-MS1)

Source: 0905443-05

Prepared & Analyzed: 06/03/09

Bromodichloromethane	26.3	0.500	µg/L	25.0	ND	105	47-124			
Chloroform	24.2	0.500	"	25.0	ND	96.8	22-148			
Dibromochloromethane	26.2	0.500	"	25.0	ND	105	38-127			

Matrix Spike Dup (B9F0308-MSD1)

Source: 0905443-05

Prepared & Analyzed: 06/03/09

Bromodichloromethane	29.0	0.500	µg/L	25.0	ND	116	47-124	9.76	30	
Chloroform	27.2	0.500	"	25.0	ND	109	22-148	11.7	30	
Dibromochloromethane	29.5	0.500	"	25.0	ND	118	38-127	11.8	30	

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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:
 06/10/09 11:35

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
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Batch B9F0819 - EPA 500 Series

Blank (B9F0819-BLK1)

Prepared: 06/08/09 Analyzed: 06/09/09

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>	4.62		"	5.00		92.4	50-165			

LCS (B9F0819-BS1)

Prepared: 06/08/09 Analyzed: 06/09/09

Trichloroacetic Acid	4.37	1.00	µg/L	4.00		109	70-130			
Dibromoacetic Acid	4.18	1.00	"	4.00		104	70-130			

LCS (B9F0819-BS2)

Prepared: 06/08/09 Analyzed: 06/09/09

Trichloroacetic Acid	4.76	1.00	µg/L	4.00		119	70-130			
Dibromoacetic Acid	4.63	1.00	"	4.00		116	70-130			

LCS Dup (B9F0819-BSD1)

Prepared: 06/08/09 Analyzed: 06/09/09

Trichloroacetic Acid	4.43	1.00	µg/L	4.00		111	70-130	1.36	30	
Dibromoacetic Acid	4.30	1.00	"	4.00		108	70-130	2.83	30	

Duplicate (B9F0819-DUP1)

Source: 0906030-06

Prepared: 06/08/09 Analyzed: 06/09/09

Trichloroacetic Acid	1.25	1.00	µg/L		1.37			9.16	30	
Dibromoacetic Acid	7.24	1.00	"		8.77			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: MTBE-Production Wells Project Manager: West Curry	Reported: 07/14/09 10:30
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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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Kinoshita Well (PSCode 3010120-001) (0907114-01) Water Sampled: 07/07/09 14:10 Received: 07/07/09 14:30

Methyl tert-butyl ether	ND	0.50	µg/L	1	B9G1206	07/12/09	07/13/09 11:37	EPA 8260B	
Surrogate: Dibromofluoromethane		115 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		100 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	86-115		"	"	"	"	

SJBA #2 (PSCode 3010120-002) (0907114-02) Water Sampled: 07/07/09 12:05 Received: 07/07/09 14:30

Methyl tert-butyl ether	ND	0.50	µg/L	1	B9G1206	07/12/09	07/13/09 11:37	EPA 8260B	
Surrogate: Dibromofluoromethane		117 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	86-115		"	"	"	"	

SJBA #4 (PSCode 3010120-003) (0907114-03) Water Sampled: 07/07/09 11:50 Received: 07/07/09 14:30

Methyl tert-butyl ether	ND	0.50	µg/L	1	B9G1206	07/12/09	07/13/09 11:37	EPA 8260B	
Surrogate: Dibromofluoromethane		117 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.6 %	86-115		"	"	"	"	

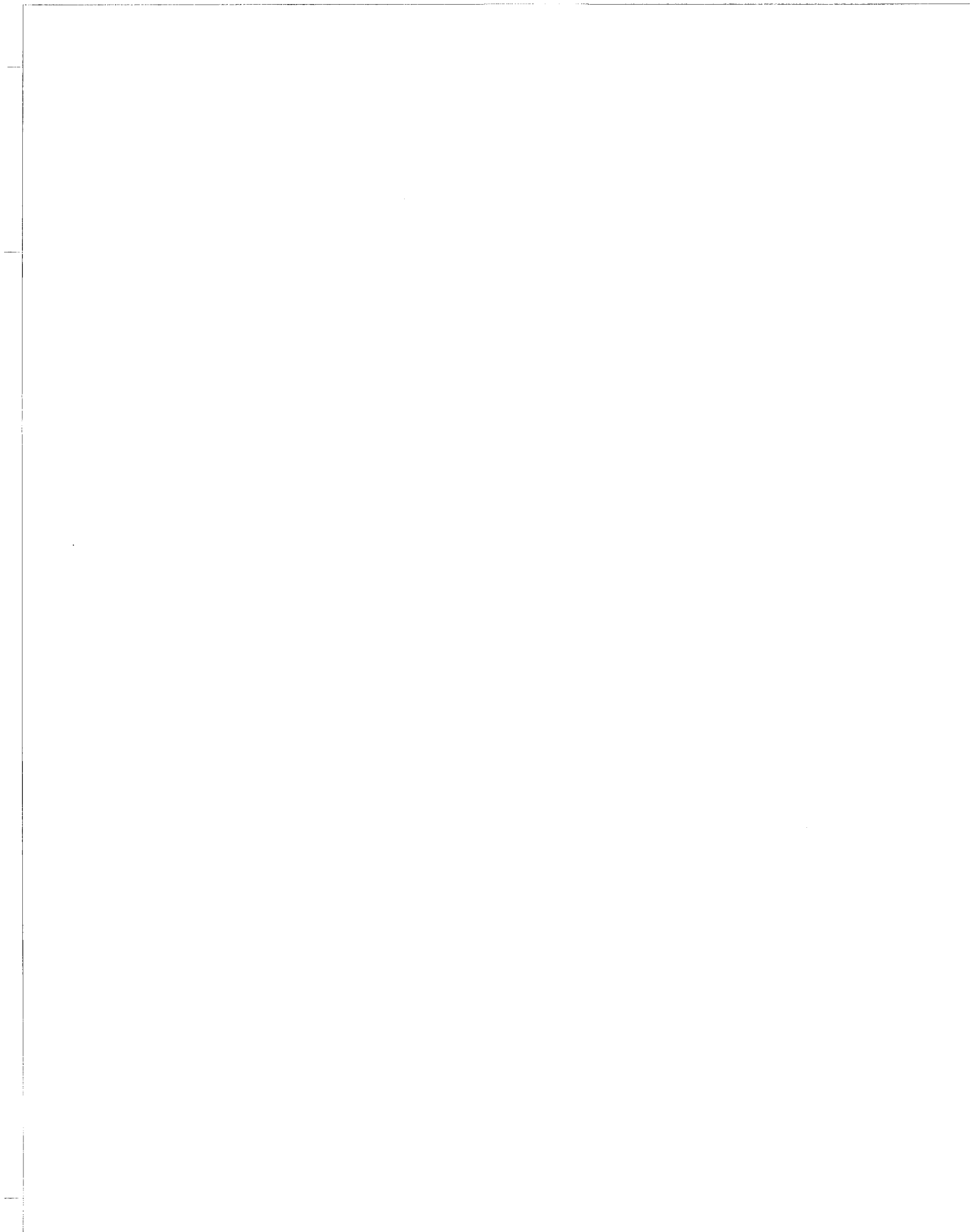
CVWD #1 (PSCode 3010120-004) (0907114-04) Water Sampled: 07/07/09 12:20 Received: 07/07/09 14:30

Methyl tert-butyl ether	ND	0.50	µg/L	1	B9G1206	07/12/09	07/13/09 11:37	EPA 8260B	
Surrogate: Dibromofluoromethane		117 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	86-115		"	"	"	"	

Dance Hall (PSCode 3010120-005) (0907114-05) Water Sampled: 07/07/09 13:45 Received: 07/07/09 14:30

Methyl tert-butyl ether	ND	0.50	µg/L	1	B9G1206	07/12/09	07/13/09 11:37	EPA 8260B	
Surrogate: Dibromofluoromethane		103 %	86-118		"	"	"	"	
Surrogate: Toluene-d8		100 %	88-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.0 %	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-Production Wells
Project Manager: West Curry

Reported:
07/27/09 14:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Kinoshita Well (PSCode 3010120-001)	0907333-01	Water	07/21/09 09:10	07/21/09 14:25
SJBA #2 (PSCode 3010120-002)	0907333-02	Water	07/21/09 08:50	07/21/09 14:25
SJBA #4 (PSCode 3010120-003)	0907333-03	Water	07/21/09 08:40	07/21/09 14:25
CVWD #1 (PSCode 3010120-004)	0907333-04	Water	07/21/09 09:00	07/21/09 14:25
Dance Hall (PSCode 3010120-005)	0907333-05	Water	07/21/09 09:30	07/21/09 14:25
Tirador (PSCode 3010120-006)	0907333-06	Water	07/21/09 08:15	07/21/09 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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