



GETTLER - RYAN INC.

January 14, 2002
G-R Job #386539

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

JAN 18 2002

RE: FIELD OBSERVATION OF WELL C-15
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

Dear Mr. Bauhs:

This letter documents field observations made by Gettler-Ryan Inc. (G-R) field personnel during our routine monitoring and sampling event of January 7, 2002.

Groundwater monitoring well C-15 has a 3" PVC well casing completed inside an aboveground steel casing. G-R field technician confirmed that the well was secured after our 4th qtr event of 10/10/01. On 01/07/02, the steel lid and lock had been broken off, the well plug was in place but loose on the casing. The field technician noticed a greenish liquid in the area inside the steel casing, around the well casing, and an odor similar to anti-freeze (see attached picture). The field technician immediately reported all information to our office.

Using a disposable bailer, the field technician visually checked the water in the well, which appeared to have a greenish tint. The depth to water measurement was taken and approximately 20 gallons of water was purged from the well and placed in a 55-gallon drum (located next to well). A visual check of the water was made again and it appeared to be clear. The standard 3 casing volume was purged and the well was sampled for scheduled analyses. Additional samples were taken and placed on 24 hour turn-around, analyzed for ethylene glycol. The results were non-detect and are attached to this letter.

The Alameda County Sheriffs Department was notified and dispatched to the site to take a report. We waited at the site until 6:45 p.m. I contacted Dispatching at that time and they informed me that due to other emergencies they could not make it to the site.

Prior to leaving the site, the well was secured with a new 3" plug and lock. At this time, G-R will attempt to locate/fabricate a new locking lid for the steel casing. The drum and water will be removed.

Please contact me if you have any questions. Thank you.

Sincerely,

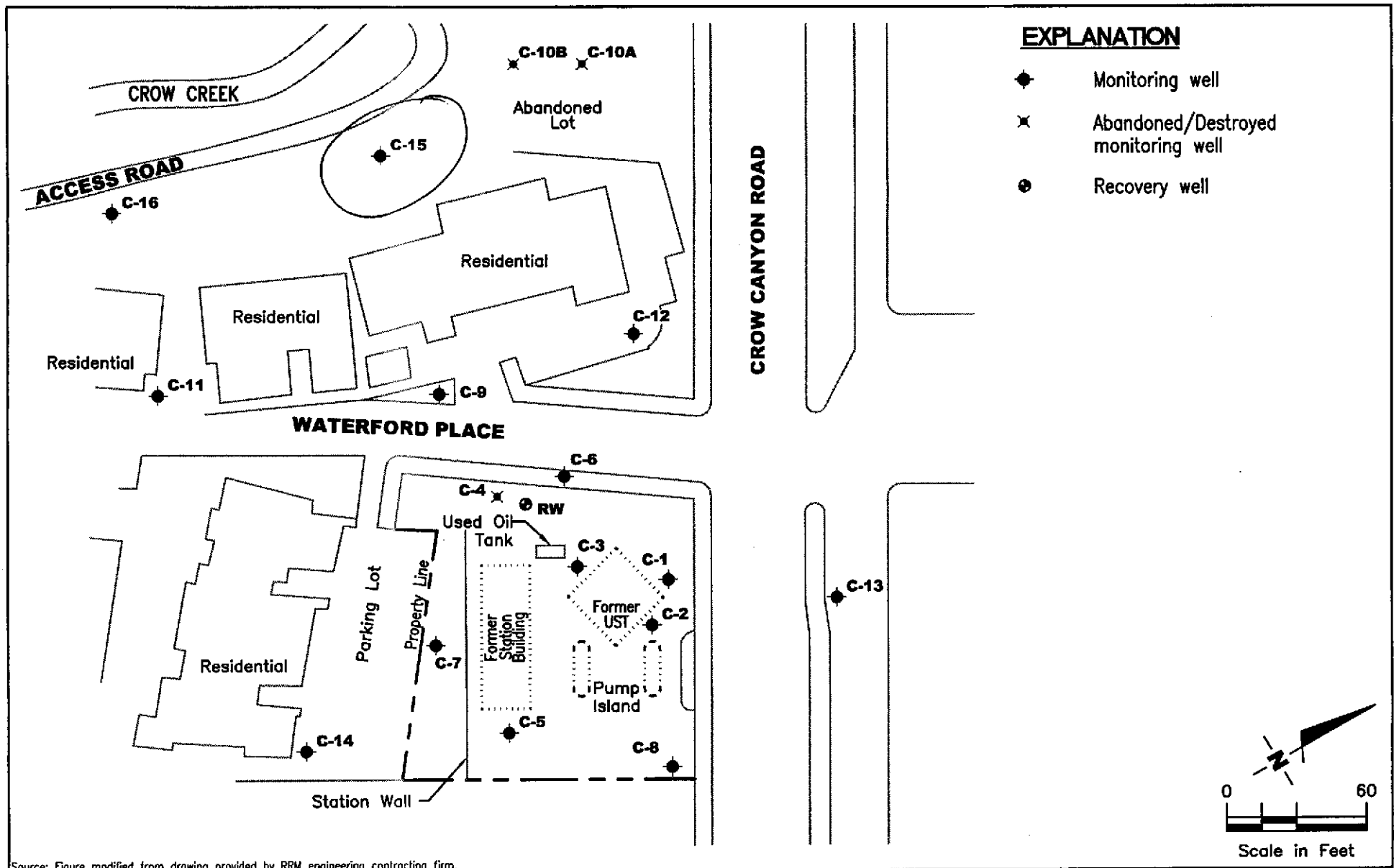
Deanna L. Harding
Project Coordinator

Attachments:

cc: Mr. Ben Heningburg, Delta Environmental Consultants Inc., 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670
Mr. Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

9-5607-WellC-15

6747 Sierra Court, Suite J • Dublin, California 94568 • (925) 551-7555



Source: Figure modified from drawing provided by RRM engineering contracting firm.

GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

SITE PLAN
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

FIGURE
1

PROJECT NUMBER
 386539

REVIEWED BY

DATE
 January, 2002

REVISED DATE

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # Chevron 9-5607
 Address: 5269 Crow Canyon Rd
 City: CASTRO VALLEY CA

Job#: 380539
 Date: 1-7-02
 Sampler: FB

Well ID: C-15
 Well Diameter: 3 in.
 Total Depth: 19.41 ft.
 Depth to Water: 8.11 ft.

Well Condition: Full of GREEN WATER

Hydrocarbon Thickness:	φ	in.	Amount Bailed (product/water):		φ	(gal.)
	Volume Factor (VF)	2" = 0.17	6" = 1.50	9" = 0.98	12" = 5.80	4" = 0.66

11.30 x VF 138 = 4.29 x 3 (case volume) = Estimated Purge Volume: 3 (gal.)

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

+ 20 gallons purged & placed in drum next to well.

Starting Time: 1539
 Sampling Time: 1556
 Purging Flow Rate: 2 gpm.
 Did well de-water? NO

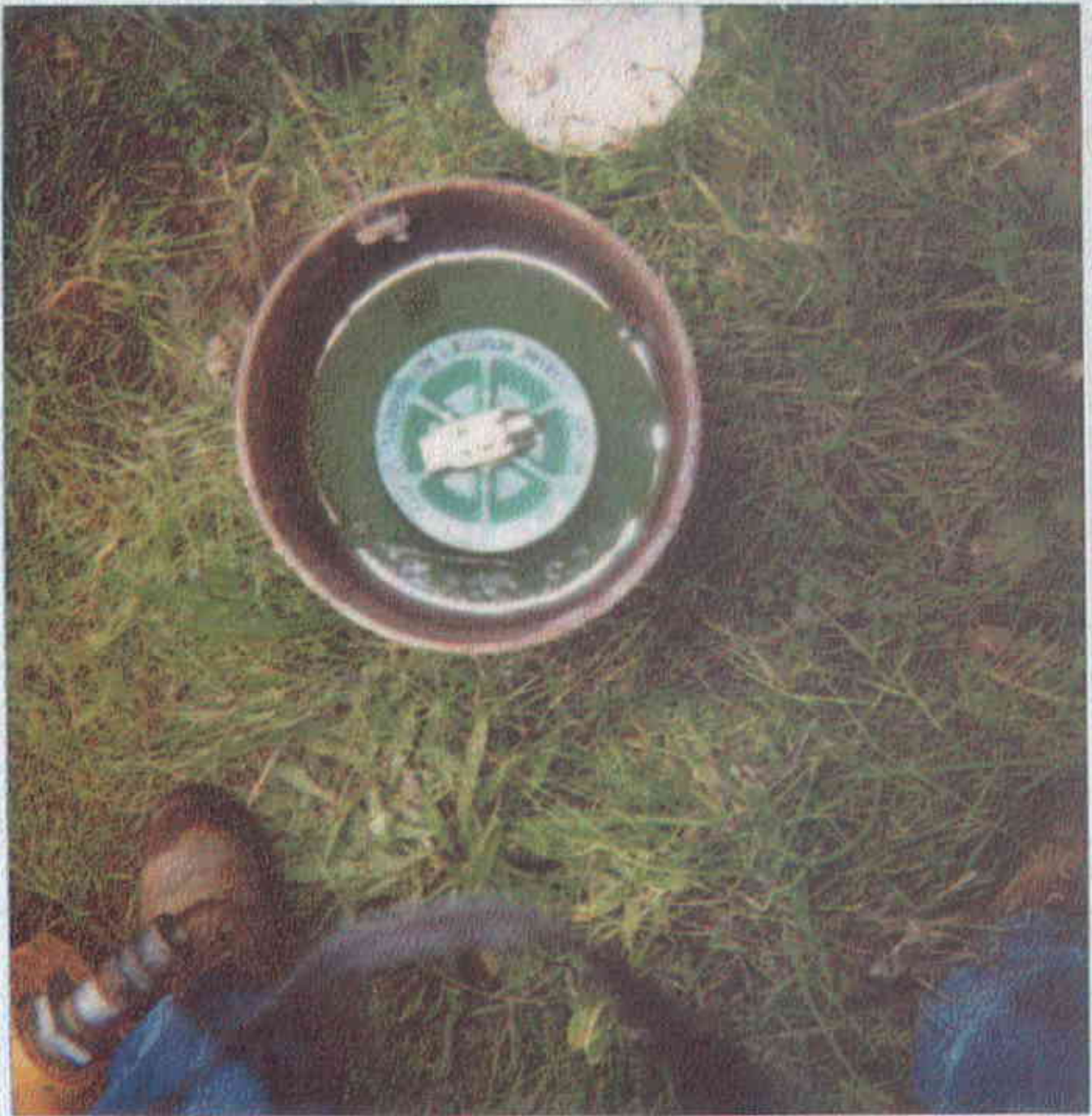
Weather Conditions: Cloudy
 Water Color: Clear Odor: NO
 Sediment Description: _____
 If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1541</u>	<u>4.5</u>	<u>8.00</u>	<u>550</u>	<u>17.0</u>	_____	_____	_____
<u>1544</u>	<u>9.0</u>	<u>7.36</u>	<u>596</u>	<u>17.7</u>	_____	_____	_____
<u>1547</u>	<u>13.0</u>	<u>7.11</u>	<u>510</u>	<u>17.9</u>	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
_____	<u>X VDA VIAL</u>	<u>Y</u>	<u>HCL</u>	_____	<u>TPHG/BTEX/MTOE</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: Purged - twenty gallons into Drum. Seemed to clean-up OK. Sampled found well with plug loose outer casing top missing GREEN substance (Liquid) Filled space between outer casing & well casing. Substance smelled like Anti-freeze



9-5607
CASTRO
VALLEY

C-15

4/7/02

01/09/02 00:57 :02/02 NO:918
925 988 9673
SEQUOIA ANALYTICAL

Fax copy of Lab Report and COC to Chevron Contact: Yes No

Chain-of-Custody-Recd

Chevron Products Co.
P.O. BOX 6004
San Ramon, CA 94583
FAX (925)842-8370

Chevron Facility Number #9-5607 Global IURT 0600100344
Facility Address 5269 CROW CANYON RD., CASTRO VALLEY, CA.
Consultant Project Number 386539
Consultant Name GETTLER-RYAN INC.
Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568
Project Contact (Name) DEANNA L. HARDING
(Phone) 925-551-7555 (Fax Number) 925-551-7899

Chevron Contact (Name) MR. TOM BAUHS
(Phone) (925) 842-8898
Laboratory Name SEQUOIA W201114
Laboratory Service Order _____
Laboratory Service Code _____
Samples Collected by (Name) FRANK BOHNET
Signature Frank H Bohnet

Sample Number	Number of Cartridges	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	State Method: <input checked="" type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT IDAHO														Remarks
					BTEX/MTBE+TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Organics (8080)	Pyrene Halocarbons (8010)	Polycyclic Organics (8080)	Extractable Organics (8070)	Oil and Grease (8050)	Metals (ICAP or AA) Cd,Cr,Pb,Zn,Cu	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCD	TPH-D Extended	Ethylene glycol 8055BMD.	
TBLB	1	W	HCL	1-7-02	X														Lab Sample N
C-15	3	W	NON	1-7-02 1556		DIA-C											X		CANCEL AS PER DEM 1-02-02 8°C

Relinquished By (Signature) <u>Frank H Bohnet</u>	Organization G-R INC.	Date/Time <u>1/9/02 1420</u>	Received By (Signature)	Organization	Date/Time	Iced Y/N	Turn Around Time (Circle Choice) <u>24 Hrs.</u> 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>1-5-02</u>	Iced Y/N <u>[Circle]</u>	



**Sequoia
Analytical**

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

9 January, 2002

Deanna L. Harding
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Chevron
Sequoia Report: W201114

Enclosed are the results of analyses for samples received by the laboratory on
08-Jan-02 16:30. If you have any questions concerning this report, please feel free to
contact me.



Charlie Westwater
Project Manager
CA ELAP Certificate #1271



Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-5607
Project Manager: Deanna L. Harding

Reported:
09-Jan-02 11:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-15	W201114-01	Water	07-Jan-02 15:56	08-Jan-02 16:30

Sequoia Analytical - Walnut Creek

Charlie Westwater, Project Manager

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.



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Project: Chevron
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Reported:
09-Jan-02 11:45

Glycols by NIOSH Method 5500 (modified)
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-15 (W201114-01) Water Sampled: 07-Jan-02 15:56 Received: 08-Jan-02 16:30									
Ethylene glycol	ND	10	mg/l	1	2A07005	07-Jan-02	09-Jan-02	NIOSH 5500	

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 Project: Chevron
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 Project Manager: Deanna L. Harding

Reported:
 09-Jan-02 11:45

Glycols by NIOSH Method 5500 (modified) - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2A07005 - General Prep										
Blank (2A07005-BLK1)										
Prepared: 07-Jan-02 Analyzed: 09-Jan-02										
Ethylene glycol	ND	10	mg/l							
LCS (2A07005-BS1)										
Prepared: 07-Jan-02 Analyzed: 09-Jan-02										
Ethylene glycol	117	10	mg/l	100		117	60-140			
LCS Dup (2A07005-BSD1)										
Prepared: 07-Jan-02 Analyzed: 09-Jan-02										
Ethylene glycol	111	10	mg/l	100		111	60-140	5	50	
Matrix Spike (2A07005-MS1)										
Source: W201066-01 Prepared: 07-Jan-02 Analyzed: 09-Jan-02										
Ethylene glycol	90.4	10	mg/l	100	ND	90	50-150			
Matrix Spike Dup (2A07005-MSD1)										
Source: W201066-01 Prepared: 07-Jan-02 Analyzed: 09-Jan-02										
Ethylene glycol	98.0	10	mg/l	100	ND	98	50-150	8	50	



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Dublin CA, 94568

Project: Chevron
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Reported:
09-Jan-02 11:45

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference