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URS

August 9, 2002

Mr. Jimmie Woo
Regional Water Quality Control Board – Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

2002 AUG 13 P 12:13

Re: 2002 Annual Groundwater Monitoring Report
Los Nietos Business Center, Santa Fe Springs, California
SLIC No. 883,URS Project No.: 41-00213004.00 00001

Dear Mr. Woo:

On behalf of AMB Property Corporation (AMB), URS Corporation (URS) is pleased to submit this report summarizing the 2002 annual groundwater monitoring results for the Los Nietos Business Center located at 9120 – 9169 South Norwalk Boulevard, and 11924 – 11933 East Los Nietos Road in Santa Fe Springs, California (Site). The location of the Site is depicted on Figure 1 (Appendix A). Annual groundwater monitoring is being voluntarily performed at the Site to provide ongoing data to evaluate the effect of regional groundwater conditions beneath the Site.

BACKGROUND

Historical groundwater results from the Site monitoring wells identified volatile organic compounds (VOCs) and metals above maximum contaminant levels (MCLs) for drinking water. Research performed by Clayton Environmental Consultants (Clayton) and Versar, Inc. (Versar) identified numerous off-site (upgradient) sources of VOCs and metals in groundwater. Groundwater flow patterns and gradients support migration of VOCs and metals on to the Site from off-site sources (Versar, April 18, 2001). In a letter dated November 4, 1999, the Regional Water Quality Control Board (RWQCB) acknowledged the likelihood that chemicals of concern are migrating on to the Site from off-site sources, but requested three additional quarters of groundwater monitoring to establish groundwater trends beneath the Site. The requested monitoring was completed by Clayton and Versar by August 2000. AMB has elected to voluntarily monitor regional groundwater conditions beneath the Site on an annual basis.

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Sacramento, CA 95827
Telephone: (916) 231-2305
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GROUNDWATER MONITORING

URS performed groundwater monitoring on June 2, 2002. The scope of work for groundwater monitoring consisted of collecting depth-to-groundwater measurements and groundwater samples from each of the six Site monitoring wells. Groundwater sampling was performed in accordance with general industry standards, as described in Appendix C. Groundwater monitoring well locations are depicted on Figure 2. Groundwater purging and sampling logs for the event are included in Appendix D. Groundwater monitoring results are described in the following subsections.

Groundwater Elevations

Depth-to-groundwater measurements were collected from the six Site monitoring wells prior to sample purging. Depth-to-water measurements and groundwater elevations calculated from the measurements are presented in Table 1 (Appendix B), along with historical groundwater elevation data from the Site. Contours of equal groundwater elevation for the 2002 monitoring event are depicted on Figure 3 (Appendix A).

As shown on Figure 3, groundwater flow during the 2002 monitoring event was to the southwest, which is consistent with historic groundwater flow directions observed for the Site.

Groundwater Analytical Results

Current and historic groundwater analytical results for VOCs and metals from Site monitoring wells MW-1 through MW-6 are presented in Tables 2 and 3, respectively. Laboratory analytical data sheets from the 2002 monitoring event are included in Appendix E.

As shown in Tables 2 and 3, the 2002 groundwater analytical results for VOCs and metals show some minor variations from historic analytical results, none of which appreciably change conclusions expressed in prior assessment documents for the Site. The data continues to support on-site migration of VOCs and metals from one or more off-site sources. The regional groundwater impact is not anticipated to affect commercial/industrial use of the Site.

URS

If you have any questions or comments regarding the information presented herein, please feel free to call Scott Allin at (916) 231-2305.

Sincerely,
URS Corporation

Scott Allin, R.E.A. II
Senior Program Manager

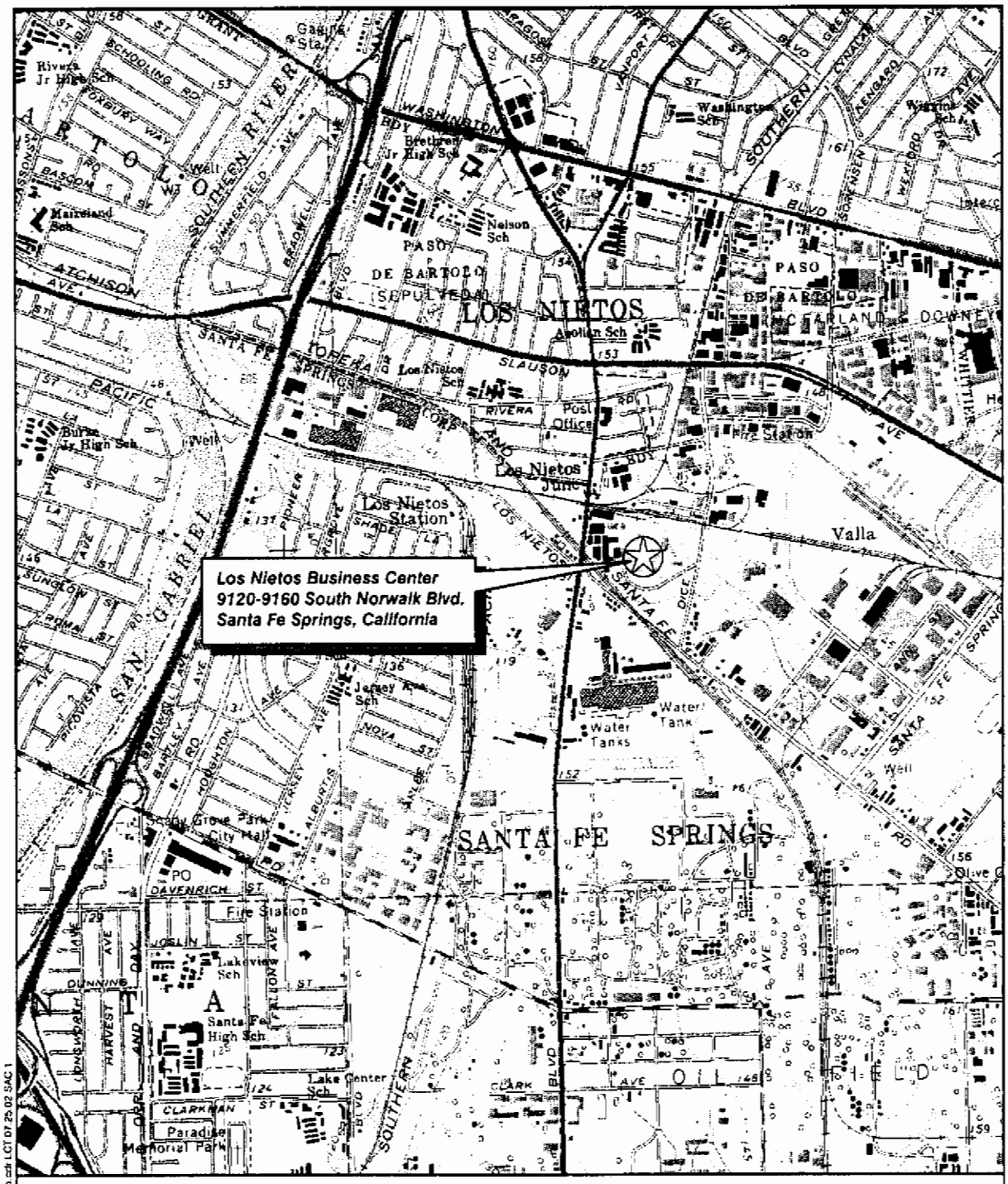
Vernon P. Elarth, R.G. 7120
Senior Geologist

Attachments:
- Appendix A – Figures
- Appendix B – Tables
- Appendix C – Groundwater Sampling Methodology
- Appendix D – Groundwater Purging and Sampling Logs
- Appendix E – Laboratory Analytical Data Sheets, 2002

Cc: Mr. Steve Campbell (AMB Property Corporation)

APPENDIX A

FIGURES



Source: USGS 7.5 Minute Series Whittier, California Quadrangle, 1965 Photorevised 1981

N

0 2000'

Scale in Feet

URS

10235 Systems Parkway, Suite A
Sacramento, California 95827
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Systems Parkway\los nietos-loc-map.cdr LCT 07-25-02 SAC 1

Figure 1. Site Location Map

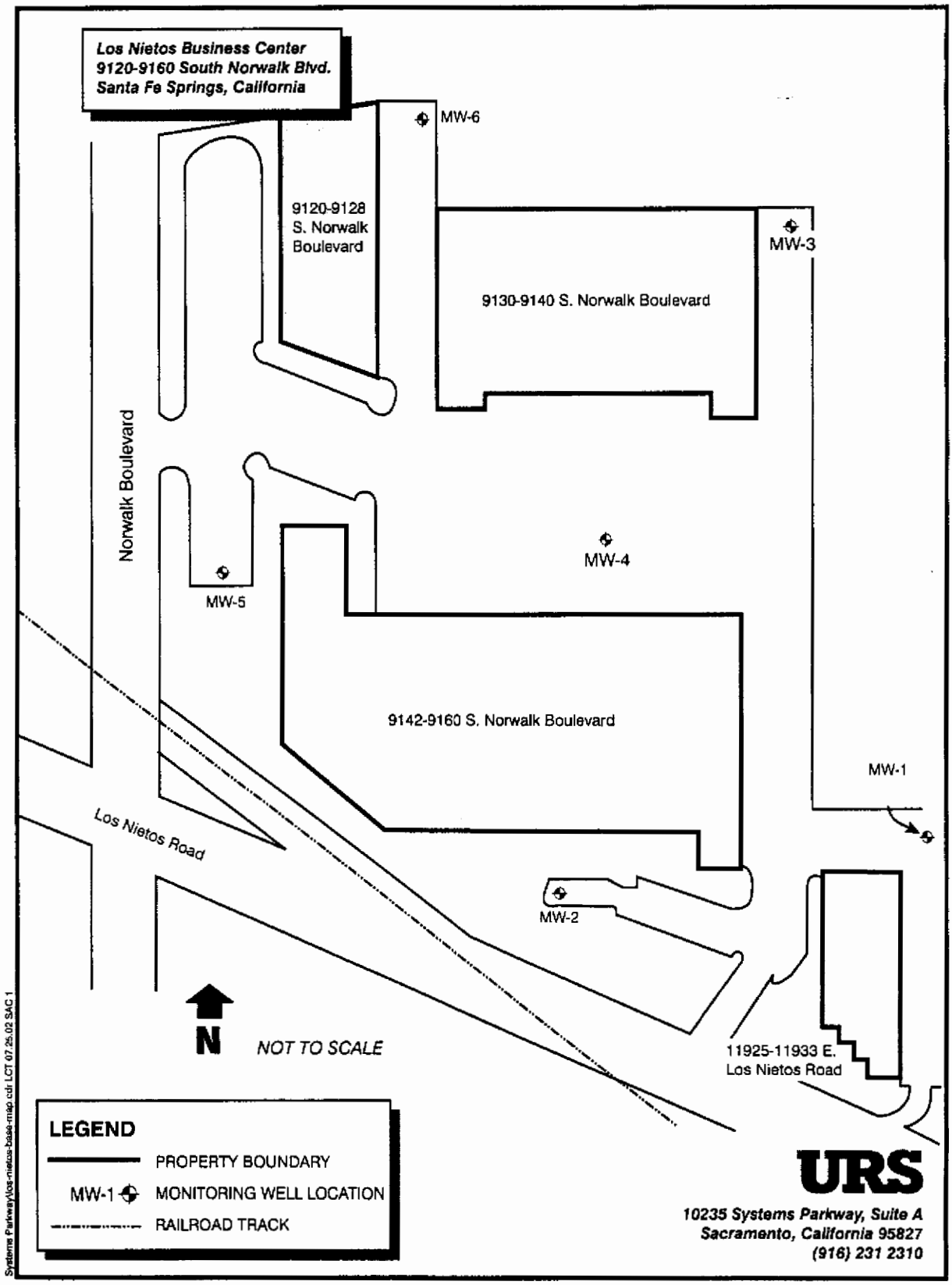

Figure 2. Site Layout Map

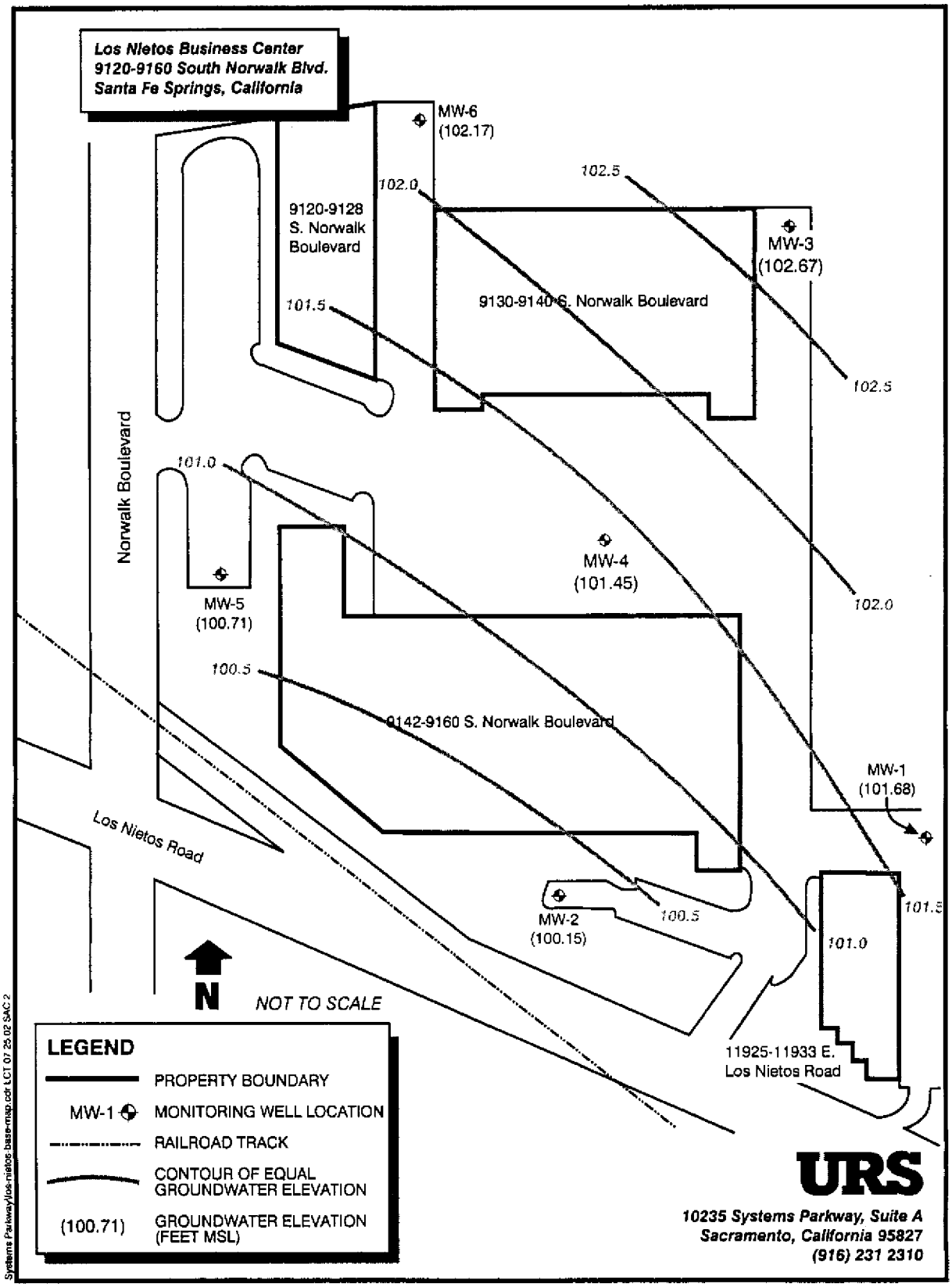

Figure 3. Groundwater Elevation Contours

APPENDIX B

TABLES

Table 1
Groundwater Elevation Data
Los Nietos Business Center
Santa Fe Springs, California

		Groundwater Monitoring Well						Groundwater Flow direction
		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	
Well casing elevation (feet amsl)		**150.42**	**153.99**	**149.98**	**149.94**	**155.22**	**156.03**	---
Total Depth of Well		**68.45**	**66.25**	**68.15**	**68.20**	**65.95**	**47.85**	
March 22, 2000	Depth to groundwater (feet toc) Groundwater elevation (feet amsl)	49.45 **100.97**	54.05 **99.94**	47.25 **102.73**	48.45 **101.49**	54.27 **100.95**	53.55 **102.48**	South/Southwest
June 28, 2000	Depth to groundwater (feet toc) Groundwater elevation (feet amsl)	44.80 **105.62**	49.26 **104.73**	42.53 **107.45**	43.70 **106.24**	49.42 **105.80**	48.65 **107.38**	South/Southwest
March 7, 2001	Depth to groundwater (feet toc) Groundwater elevations (feet amsl)	46.30 **104.12**	51.06 **102.93**	44.30 **105.68**	45.52 **104.42**	51.42 **103.80**	50.68 **105.35**	Southwest
6/27/02	Depth to groundwater (feet toc) Groundwater elevations (feet amsl)	48.74 **101.68**	53.84 **100.15**	47.31 **102.67**	48.49 **101.45**	54.51 **100.71**	53.86 **102.17**	Southwest
	Change from previous elevation	-2.44	-2.78	-3.01	-2.97	-3.09	-3.18	

Notes and Abbreviations:
ft/ft = feet per foot
amsl = above mean sea level
toc = top of casing

Table 2

Groundwater Analytical Results, Volatile Organic Compounds
Los Nietos Business Center
Santa Fe Springs, California

		Chemicals of Concern (Micrograms Per Liter)										
Monitoring Well No.	Date	CTC	Chloroform	1,1-DCA	1,2-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	1,2-DCP	PCE	1,1,1-TCA	TCE
MW-1	Apr-96	ND	0.61	21	ND	11	ND	ND	ND	6.3	4.2	32
	Jul-99	ND	ND	2.6	ND	18.6	ND	ND	--	11.8	ND	11.3
	Sep-99	ND	1.4	3.4	ND	25.6	ND	ND	ND	11.4	1.9	10.9
	Dec-99	ND	12	61	ND	1,030	ND	12	172	ND	29	151
	Mar-00	0.59	1.7	7.4	0.53	81	ND	1.7	29	6.3	3.2	24
	Jun-00	ND	ND	ND	ND	4.9	ND	ND	ND	1.5	ND	4.3
	Mar-01	0.95	2.2	8.8	ND	23	ND	ND	2.3	11	1.2	21
	Jun-02	0.87	1.7	7.6	ND	17	ND	ND	ND	30	ND	49
MW-2	Apr-96	ND	0.91	ND	ND	1.1	ND	ND	--	15	ND	7.7
	Jul-99	ND	1.0	2.2	6.8	ND	ND	1.4	--	10.1	ND	5.5
	Sep-99	ND	ND	4.6	6.2	2.5	ND	2.3	--	15.9	ND	7.7
	Dec-99	1.2	7.3	11.4	13.8	6.9	ND	3.7	ND	15.4	ND	18.9
	Mar-00	2.2	11	4.9	4.1	2.9	ND	1.2	ND	15	ND	16
	Jun-00	ND	1.6	7.1	17	3.1	ND	2.9	ND	14	ND	13
	Mar-01	ND	3.5	8.8	18	3.3	ND	4.0	ND	11	ND	17
	Jun-02	ND	1.7	7.1	20	1.9	ND	3.5	ND	5.5	ND	14
MW-3	Apr-96	ND	ND	ND	ND	ND	ND	ND	--	1.4	ND	2.6
	Jul-99	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
	Sep-99	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
	Dec-99	ND	ND	3.8	ND	4.9	ND	ND	ND	2.3	ND	3.2
	Mar-00	ND	ND	1.6	ND	1.7	ND	ND	ND	1.6	ND	3.5
	Jun-00	ND	ND	2.7	0.52	3.2	ND	ND	ND	2.2	ND	5.8
	Mar-01	ND	ND	1.5	ND	1.1	ND	ND	ND	1.6	ND	7.0
	Jun-02	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	4.3
MW-4	Apr-96	5.1	15	33	17	13	0.51	10	--	18	ND	74
	Jul-99	ND	2.4	3.0	ND	1.6	ND	ND	--	8.7	ND	12.2
	Sep-99	ND	4.4	4.3	3.9	3.1	ND	1.1	--	17.5	ND	13.2
	Dec-99	ND	7.2	4.7	2.3	3.2	ND	1.0	ND	11.1	ND	12.7
	Mar-00	0.58	4.8	3.5	1.8	3.6	ND	ND	ND	8.1	ND	12
	Jun-00	0.56	4.9	5.5	8.9	1.4	ND	1.5	ND	5.3	ND	13
	Mar-01	ND	7.8	20	26	5.0	ND	6.4	ND	4.9	ND	32
	Jun-02	3.0	15	10	13	3.7	ND	3.3	ND	4.7	ND	38
MW-5	Apr-96	ND	0.76	ND	ND	ND	ND	ND	--	82	ND	78
	Jul-99	ND	ND	ND	ND	2.1	ND	ND	--	73.8	ND	5.0
	Sep-99	ND	ND	ND	ND	2.0	ND	ND	--	81.1	ND	4.8
	Dec-99	ND	ND	ND	ND	2.1	ND	ND	ND	89.5	--	8.3
	Mar-00	ND	ND	ND	ND	2.3	ND	ND	ND	91	ND	7.0
	Jun-00	ND	ND	ND	ND	3.0	ND	ND	ND	97	ND	6.0
	Mar-01	ND	ND	ND	ND	2.4	ND	ND	ND	110	ND	7.4
	Jun-02	ND	ND	ND	ND	1.1	ND	ND	ND	60	ND	4.2
MW-6	Sep-99	ND	ND	ND	ND	ND	1.9	ND	--	68.2	ND	6.9
	Dec-99	ND	ND	ND	ND	2.1	ND	ND	ND	70.3	ND	12.9
	Mar-00	ND	ND	ND	ND	2.1	ND	ND	ND	69	ND	9.5
	Jun-00	ND	ND	ND	ND	ND	ND	ND	ND	45	ND	5.5
	Mar-01	ND	ND	ND	ND	1.7	ND	ND	ND	49	ND	7.5
	Jun-02	ND	ND	ND	ND	ND	ND	2.0	ND	41	ND	18
Ca MCL		0.5	100	5	0.5	6.0	10	6.0	5.0	5.0	200	5.0

Notes and Abbreviations:

CTC - Carbon Tetrachloride
1,1-DCA - 1,1-dichloroethane
1,2-DCA - 1,2-dichloroethane
1,1-DCE - 1,1-dichloroethene
trans-1,1-DCE - trans-1,1-dichloroethene
cis-1,2,-DCE - cis-1,2-dichloroethene
1,2-DCP - 1,2-dichloropropane
PCE - tetrachloroethene
1,1,1-TCA - 1,1,1-trichloroethane
TCE - trichloroethene
Ca MCL - California Maximum Contaminant Level
-- - not analysed

ND - not detected at or above the methods reporting limit. VOCs not presented were below the laboratory reporting limits

Table 3
Groundwater Analytical Results, Metals
Los Nietos Business Center
Santa Fe Springs, California

Monitoring Well No.	Date	Chemicals of Concern (Milligrams Per Liter)																	
		Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn	Cr+6
MW-1	Apr-96	ND	ND	0.2	ND	ND	0.047	ND	ND	ND	ND	ND	ND	0.013	ND	ND	0.12	0.069	--
	Jul-99	ND	ND	0.051	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.065	--
	Sep-99	ND	ND	0.058	ND	ND	ND	ND	ND	ND	ND	ND	0.014	0.068	ND	0.15	ND	0.055	--
	Dec-99	ND	ND	0.059	ND	0.021	ND	ND	ND	ND	ND	ND	0.017	ND	ND	ND	ND	ND	--
	Mar-00	ND	ND	0.0724	ND	ND	0.0242	ND	0.00949	ND	ND	ND	0.0128	ND	ND	ND	0.00778	0.0735	ND
	Jun-00	ND	ND	0.0672	ND	ND	0.00882	ND	ND	ND	ND	ND	ND	0.0161	ND	ND	ND	0.0179	ND
	Mar-01	ND	ND	0.0653	ND	ND	0.01840	ND	0.01760	ND	ND	ND	ND	ND	ND	ND	ND	0.0127	ND
	Jun-02	ND	ND	0.0567	ND	ND	0.02020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0608	0.022
MW-2	Apr-96	ND	ND	0.11	ND	ND	0.07	ND	ND	ND	0.0068	ND	ND	ND	ND	ND	0.12	ND	--
	Jul-99	ND	ND	0.045	ND	ND	0.027	ND	ND	ND	ND	ND	ND	0.018	ND	0.019	ND	0.103	--
	Sep-99	ND	ND	0.037	ND	ND	0.024	ND	ND	ND	ND	ND	ND	0.071	ND	0.162	ND	0.096	--
	Dec-99	ND	ND	0.043	ND	ND	0.188	ND	0.02	ND	ND	ND	ND	0.016	ND	ND	ND	0.015	--
	Mar-00	0.0167	ND	0.0872	ND	ND	0.369	ND	0.00743	ND	0.00167	ND	0.00526	ND	ND	ND	0.00917	0.0546	0.33
	Jun-00	ND	ND	0.0492	ND	ND	0.0744	ND	ND	ND	ND	ND	ND	0.0176	ND	ND	ND	0.0384	0.073
	Mar-01	ND	ND	0.0506	ND	ND	0.115	ND	0.0117	ND	ND	ND	ND	0.0176	ND	ND	ND	0.0119	0.11
	Jun-02	ND	ND	0.0381	ND	ND	0.0270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.037
MW-3	Apr-96	ND	ND	0.094	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	ND	--
	Jul-99	ND	ND	0.107	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	0.091	--
	Sep-99	ND	ND	0.096	ND	ND	ND	ND	ND	ND	ND	ND	0.016	0.083	ND	0.176	ND	0.052	--
	Dec-99	ND	ND	0.072	ND	ND	0.011	ND	0.019	ND	ND	ND	0.012	ND	ND	ND	ND	0.012	--
	Mar-00	ND	ND	0.0616	ND	ND	0.0161	ND	0.00517	ND	ND	ND	0.00559	ND	ND	ND	ND	0.0485	ND
	Jun-00	ND	ND	0.0516	ND	ND	0.00559	ND	ND	ND	ND	ND	ND	0.0262	ND	ND	ND	ND	ND
	Mar-01	ND	ND	0.0468	ND	ND	0.00786	ND	0.00934	ND	0.000595	ND	ND	0.0218	ND	ND	ND	ND	ND
	Jun-02	ND	ND	0.0433	ND	ND	0.00527	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0128	ND
MW-4	Apr-96	ND	ND	0.096	ND	0.062	ND	ND	0.062	ND	0.0016	ND	0.15	ND	0.064	ND	0.16	0.66	--
	Jul-99	ND	ND	0.057	ND	ND	0.036	ND	ND	ND	ND	ND	0.014	0.015	ND	0.015	ND	0.097	--
	Sep-99	ND	ND	0.037	ND	ND	0.163	ND	0.16	ND	ND	ND	0.02	0.056	ND	0.143	ND	0.231	--
	Dec-99	ND	ND	0.031	ND	ND	0.606	ND	0.02	0.009	ND	ND	0.13	ND	ND	ND	ND	0.065	--
	Mar-00	ND	ND	0.0447	ND	0.00954	0.261	ND	0.0244	ND	ND	ND	0.0180	ND	ND	ND	ND	0.124	0.23
	Jun-00	ND	ND	0.0355	ND	0.0101	0.137	ND	0.00782	ND	ND	ND	0.0196	ND	ND	ND	ND	0.115	0.094
	Mar-01	ND	ND	0.0455	ND	0.0212	0.279	ND	0.0215	ND	ND	ND	0.0323	ND	ND	ND	ND	0.169	0.22
	Jun-02	ND	ND	0.0291	ND	0.00678	0.399	ND	0.0156	ND	ND	ND	0.0105	ND	ND	ND	ND	0.0774	0.42
MW-5	Apr-96	ND	ND	0.062	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
	Jul-99	ND	ND	0.047	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	ND	0.058	--
	Sep-99	ND	ND	0.058	ND	ND	0.013	ND	ND	ND	ND	ND	0.014	0.065	ND	0.141	ND	ND	--
	Dec-99	ND	ND	0.044	ND	ND	ND	ND	ND	0.008	ND	ND	0.013	0.013	ND	ND	ND	ND	--
	Mar-00	ND	ND	0.0521	ND	ND	0.0146	ND	0.00557	ND	ND	ND	ND	ND	ND	ND	ND	0.0331	ND
	Jun-00	ND	ND	0.0491	ND	ND	0.0291	ND	ND	ND	0.00184	ND	ND	0.0322	ND	ND	ND	0.0148	0.026
	Mar-01	ND	ND	0.0460	ND	ND	0.0144	ND	0.0118	ND	ND	ND	ND	ND	ND	ND	ND	0.0249	ND
	Jun-02	ND	ND	0.0430	ND	ND	0.0117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0120	ND
MW-6	Sep-99	ND	ND	0.04	ND	ND	ND	ND	ND	ND	ND	0.016	0.056	ND	ND	0.128	ND	ND	--
	Dec-99	ND	ND	0.041	ND	ND	ND	ND	ND	0.008	ND	ND	0.012	ND	ND	ND	ND	ND	--
	Mar-00	ND	ND	0.105	ND	ND	0.0158	ND	0.0119	ND	ND	ND	0.00638	ND	ND	ND	0.0138	0.0976	ND
	Jun-00	ND	ND	0.0379	ND	ND	0.00701	ND	ND	ND	ND	ND	ND	0.0181	ND	ND	ND	ND	ND
	Mar-01	ND	ND	0.0325	ND	ND	0.01090	ND	0.0111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-02	ND	ND	0.0369	ND	ND	0.00791	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0253	ND
Ca MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.0	0.015	0.002	--	0.1	0.05	0.1	0.002	--	--	0.05

Notes and Abbreviations:

Sb - Antimony
As - Arsenic
Ba - Barium
Be - Beryllium
Cd - Cadmium
Cr - Chromium (tot.)
Co - Cobalt
Cu - Copper
Pb - Lead
Hg - Mercury
Mo - Molybdenum
Ni - Nickel
Se - Selenium
Ag - Silver
Tl - Thallium
V - Vanadium
Zn - Zinc
Cr+6 - Hexavalent Chromium

ND - Not detected at or above the method reporting limits
-- - Not analyzed or not available.

APPENDIX C

GROUNDWATER SAMPLING METHODOLOGY

1.0 DECONTAMINATION PROCEDURES

The decontamination procedures for non-dedicated field equipment and well development/purging equipment are given below. These procedures are followed during all field activities.

1. Non-dedicated well development, purging, and sampling equipment is carefully pre-cleaned prior to each use, as follows:

    a. Carefully brush off any loose foreign debris with a soft bristle brush.

    b. Rinse the equipment thoroughly in clean water.

    c. Wash the equipment in a non-phosphate detergent bath.

    d. Rinse thoroughly in clean water.

    e. Rinse thoroughly with deionized water.

    f. Air dry in a dust-free environment.

    g. Store in unused plastic bags or other suitable cover until use.

2. Clean disposable gloves are worn by all field personnel when handling decontaminated equipment.

2.0 COLLECTION OF SAMPLES

2.1 Groundwater Sampling

Groundwater samples are collected for laboratory analysis using the procedures given below.

1. If deemed necessary by the Health and Safety Plan, open the well and measure the organic vapor concentration with a flame-ionization detector (FID) or photo-ionization detector (PID).

2. Measure the water levels (if any) in the well using a decontaminated measuring device. All measurements must be made to the nearest 0.01 foot, and measured relative to the top of the casing. Record the depth of the water in the Monitoring Well Purge Table.

3. Inspect the disposable bailer to ensure that the bottom valve assembly is working correctly.

4. Begin purging the well by inserting a bailer or pump into the PVC monitoring well

casing and carefully lower it into the well. Take care to avoid agitating and aerating the fluid column in the well. Purging may also be performed using an aboveground centrifugal pump or in-well submersible pump with disposable polyethylene tubing. Tubing is disposed after each use.

5. Slowly withdraw the bailer and transfer the water samples to a sampling containers. For centrifugal pumps, valve down purge rate and slowly transfer purge water to sample containers.

6. Measure the temperature, pH, conductivity, and turbidity. Record these and all subsequent measurements in the Monitoring Well Purge Tables.

7. Continue purging the well (a minimum of three well volumes) until the temperature, pH, conductivity, and turbidity have stabilized, or the well is dry.

8. When the water has recovered to 80 percent of the original level, carefully lower a new disposable bailer into the well and recover groundwater samples.

9. Fill the appropriate sample containers by releasing water from the bailer via the bottom emptying device with a minimum of agitation. The most volatile parameters are collected first, proceeding to the least volatile parameters.

10. Place the purge water in a DOT-approved 55-gallon drums.

3.0 ANALYSIS OF SAMPLES

Samples are submitted to a California state-certified laboratory for analysis.

4.0 SAMPLE HANDLING

4.1 Sample Containers, Preservation, and Holding Times

All samples are collected, placed in containers, preserved, and analyzed within the time constraints with applicable local, provincial, and federal procedures. All sample containers are pre-cleaned in accordance with prescribed EPA methods. A custody seal is placed around all sample container lids to prevent leaks and unauthorized tampering with individual samples following collection and prior to the time of analysis.

4.2 Sample Tracking and Management

All samples are tracked using a standard chain-of-custody form. The chain of custody record includes the following information:

1. Sample number
2. Signature of collector
3. Date and time of collection
4. Sample collection location
5. Sample type
6. Signature of persons involved in the chain-of-possession
7. Inclusive dates of possession
8. Analytical parameters
9. Pertinent field observations

The custody record is completed using waterproof ink. Corrections are made by drawing a line through, initialing the error, and then entering the correct information.

Custody of the samples begins at the time of sample collection and are maintained by the sampling team supervisor until samples are relinquished for shipment to the laboratory, or until samples are hand-delivered to the designated laboratory sample custodian. Partial sample sets being accumulated for hand-delivery to the laboratory are stored in coolers with chain-of-custody records sealed in plastic bags and placed in the cooler with the sample sets.

APPENDIX D

GROUNDWATER PURGING AND SAMPLING LOGS

Coast Environmental Services

Groundwater Purging and Sampling Log

Well No: MW1

Ground or Casing Elevation ____

Groundwater Elevation ____

CES Project #: 02-643 Date: 6/27/02

Client: VRS Corp

Site Name: Los Nietos Business Park
Santa Fe Springs, CA

Well Details

Total Depth of Well 65 feet (-) Initial Depth to Water before purging 48.74' feet =

Height of Water Column (16.26 feet) X (0.16 g/ft) or (0.65g/ft) X (3) = 32 gallons

Volume of well casing: 2-inch / 4-inch

Purge Factor

Well Purging Tables

Purging Method Redflo Submersible Pump Time purging begins 11:45

Notes on Initial Discharge clear, odorless Free Product Thickness none

Time	Gallons	pH	Conductivity	Temperature	Turbidity	Odor
11:47	3	7.55	1.96	72.5	clear	none
11:51	10	7.20	1.52	71.4	clear	none
11:57	20	7.22	1.49	70.1	clear	none
12:02	27	7.22	1.48	69.5	clear	none
12:06	33	7.24	1.48	69.3	clear	none

Time purging ends 12:06 Final Depth to Water after purging 48.80 feet

Approximate Purging Rate ≈1.5 gpm Percent Recharge 100 %

Well Sampling Description

Sampling Method 1.5" x 36" Disposable Poly Bailer

Sampling Time 12:25 Depth to Water during Sampling 48.75 feet

Notes: clear, odorless

Coast Environmental Services

Groundwater Purging and Sampling Log

Well No: MW4

Ground or Casing Elevation ____

CES Project #: 02-643 Date: 6-27-02

Client: VRS Corp

Site Name: Los Nietos Business Park

Coast Environmental Services

Groundwater Purging and Sampling Log

Well No: MW2

Ground or Casing Elevation ____

Groundwater Elevation ____

CES Project #: 02-643 Date: 6/27/02

Client: VRS Corp

Site Name: Los Nietos Business Park
Santa Fe Springs, CA

Well Details

Total Depth of Well 65 feet (-) Initial Depth to Water before purging 53.84 feet =

Height of Water Column (11.16 feet) X (0.16 g/ft) 2-inch or (0.65g/ft) 4-inch X (3) = 22 gallons

Volume of well casing — Purge Factor

Well Purging Tables

Purging Method Redifle Submersible Pump Time purging begins 10:50

Notes on Initial Discharge clear, odorless Free Product Thickness none

Time	Gallons	pH	Conductivity	Temperature	Turbidity	Odor
10:52	2	7.15	1.64	71.8	clear	odorless
10:54	5	7.11	1.58	73.9	clear	odorless
10:56	10	6.99	1.57	72.9	clear	odorless
10:59	15	6.96	1.57	72.2	clear	odorless
11:03	22	7.00	1.56	73.0	clear	odorless

Time purging ends 11:03 Final Depth to Water after purging 53.88 feet

Approximate Purging Rate 2 gpm Percent Recharge 100 %

Well Sampling Description

Sampling Method 1.5" x 36" Disposable Poly Bailer

Sampling Time 11:20 Depth to Water during Sampling 53.85 feet

Notes: clear odorless

Coast Environmental Services

Groundwater Purging and Sampling Log

Well No: MW3

Ground or Casing Elevation ____

Groundwater Elevation ____

CES Project #: 02-643 Date: 6-27-02

Client: URS Corp

Site Name: Los Nietos Business Park
Santa Fe Springs, CA

Well Details

Total Depth of Well 65 feet (-) Initial Depth to Water before purging 47.31' feet =

Height of Water Column (17.7 feet) X (0.16 g/ft) 2-inch or (0.65g/ft) 4-inch X (3) = 35 gallons

Volume of well casing — Purge Factor

Well Purging Tables

Purging Method Redflo Submersible Pump Time purging begins 9:50

Notes on Initial Discharge clear odorless Free Product Thickness none

Time	Gallons	pH	Conductivity	Temperature	Turbidity	Odor
9:52	3	7.42	1.32	67.2	clear	odorless
9:56	10	7.08	1.38	67.8	clear	odorless
10:00	20	7.11	1.50	67.6	clear	odorless
10:03	27	7.19	1.59	67.6	slight	odorless
10:07	35	7.18	1.63	67.1	clear	odorless

Time purging ends 10:07 Final Depth to Water after purging 48.22 feet

Approximate Purging Rate ±2 gpm Percent Recharge 94 %

Well Sampling Description

Sampling Method 1.5"x36" Disposable Poly Bailer

Sampling Time 10:35 Depth to Water during Sampling 47.55 feet

Notes: clear, odorless

Coast Environmental Services

Groundwater Purging and Sampling Log

Well No: MW4

Ground or Casing Elevation ____

Groundwater Elevation ____

CES Project #: 02-643 Date: 6-27-02

Client: URS Corp

Site Name: Los Nietos Business Park
Santa Fe Springs, CA

Well Details

Total Depth of Well 65 feet (-) Initial Depth to Water before purging 48.49' feet =

Height of Water Column (16.5 feet) X (0.16 g/ft) 2-inch or (0.65g/ft) 4-inch (Volume of well casing) X (3) (Purge Factor) = 32 gallons

Well Purging Tables

Purging Method Redflo Submersible Pump Time purging begins 8:50

Notes on Initial Discharge clear, odorless Free Product Thickness none

Time	Gallons	pH	Conductivity	Temperature	Turbidity	Odor
8:52	2	6.91	1.69	67.8	clear	none
8:56	10	6.84	1.71	68.0	clear	none
8:59	17	6.58	1.69	67.8	clear	none
9:02	24	6.61	1.71	68.2	clear	none
9:08	32	6.53	1.73	68.3	clear	none

Time purging ends 9:08 Final Depth to Water after purging 48.55 feet

Approximate Purging Rate ≈2 gpm Percent Recharge ≈100 %

Well Sampling Description

Sampling Method 1.5" x 36" Disposable Poly Bailer

Sampling Time 9:30 Depth to Water during Sampling 48.5' feet

Notes: clear odorless

Coast Environmental Services

Groundwater Purging and Sampling Log

Well No: MW5

Ground or Casing Elevation _____

Groundwater Elevation _____

CES Project #: 02-643 Date: 6-27-02

Client: URS Corp

Site Name: Los Nietos Business Park
Santa Fe Springs, CA

Well Details

Total Depth of Well 65 feet (-) Initial Depth to Water before purging 54.51' feet =

Height of Water Column (10.5 feet) X (0.16 g/ft) 2-inch or (0.65g/ft) 4-inch (circled) X Purge Factor (3) = 21 gallons

Well Purging Tables

Purging Method Rediflow Submersible Pump Time purging begins 7:55

Notes on Initial Discharge cloudy, odorless Free Product Thickness Ø

Time	Gallons	pH	Conductivity	Temperature	Turbidity	Odor
7:59	2 gallons	7.44	1.41	65.4	slight	odorless
8:02	7	7.10	1.41	66.0	cloudy	none
8:05	14	6.98	1.40	66.3	clear	none
8:10	21	7.03	1.42	66.6	clear	none

Time purging ends 8:10 Final Depth to Water after purging 54.80' feet

Approximate Purging Rate 2 gpm Percent Recharge 95+ %

Well Sampling Description

Sampling Method 1.5" x 36" Disposable Poly Bailer

Sampling Time 8:30 AM Depth to Water during Sampling 54.55 feet

Notes: clear, odorless

Coast Environmental Services

Groundwater Purging and Sampling Log

Well No: MW6

Ground or Casing Elevation ____

Groundwater Elevation ____

CES Project #: 02-643 Date: 6-27-02

Client: VRS Corp

Site Name: Los Nietos Business Park
Santa Fe Springs, CA

Well Details

Total Depth of Well 60 feet (-) Initial Depth to Water before purging 53.86 feet =

Height of Water Column (6.14 feet) X (0.16 g/ft) 2-inch or (0.65g/ft) 4-inch X (3) = 3 gallons

Volume of well casing — Purge Factor

Well Purging Tables

Purging Method PVC Bailer Time purging begins 6:50 AM

Notes on Initial Discharge turbidity, no odor Free Product Thickness none

Time	Gallons	pH	Conductivity	Temperature	Turbidity	Odor
6:55	1	6.77	1.28	67.8	high	none
7:00	2	7.03	1.30	65.8	high	none
7:05	3	7.10	1.26	65.4	high	none

Time purging ends 7:05 Final Depth to Water after purging 53.95' feet

Approximate Purging Rate .25 gpm Percent Recharge ≈ 90 %

Well Sampling Description

Sampling Method 1.5" x 36" Disposable Poly Bailer

Sampling Time 7:35 Depth to Water during Sampling 53.90' feet

Notes: slightly turbide, odorless

APPENDIX E

LABORATORY ANALYTICAL DATA SHEETS, 2002

Calscience Environmental Laboratories, Inc.

July 05, 2002

Scott Allin
URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Subject: **Calscience Work Order No.: 02-06-1143**
Client Reference: Los Nietos Business Park

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/27/02 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Marycarol Valenzuela
Project Manager

Michael J. Crisostomo
Quality Assurance Manager

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: Filtered
Method: EPA 6010B / EPA 7470A

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW6	**02-06-1143-1**	**06/27/02**	**Aqueous**	**07/01/02**	**07/02/02**	**020627lcs6**

Comment(s): Mercury was analyzed on 6/28/02 11:18:35 AM with batch 020627lcs2

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.0150	1		mg/L	Mercury	ND	0.00050	1		mg/L
Arsenic	ND	0.0150	1		mg/L	Molybdenum	ND	0.00500	1		mg/L
Barium	0.0369	0.0100	1		mg/L	Nickel	ND	0.00500	1		mg/L
Beryllium	ND	0.00100	1		mg/L	Selenium	ND	0.0150	1		mg/L
Cadmium	ND	0.00500	1		mg/L	Silver	ND	0.00500	1		mg/L
Chromium (Total)	0.00791	0.00500	1		mg/L	Thallium	ND	0.0150	1		mg/L
Cobalt	ND	0.00500	1		mg/L	Vanadium	ND	0.00500	1		mg/L
Copper	ND	0.00500	1		mg/L	Zinc	0.0253	0.0100	1		mg/L
Lead	ND	0.0100	1		mg/L						

MW5	**02-06-1143-2**	**06/27/02**	**Aqueous**	**07/01/02**	**07/02/02**	**020627lcs6**

Comment(s): Mercury was analyzed on 6/28/02 11:21:40 AM with batch 020627lcs2

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.0150	1		mg/L	Mercury	ND	0.00050	1		mg/L
Arsenic	ND	0.0150	1		mg/L	Molybdenum	ND	0.00500	1		mg/L
Barium	0.0430	0.0100	1		mg/L	Nickel	ND	0.00500	1		mg/L
Beryllium	ND	0.00100	1		mg/L	Selenium	ND	0.0150	1		mg/L
Cadmium	ND	0.00500	1		mg/L	Silver	ND	0.00500	1		mg/L
Chromium (Total)	0.0117	0.0050	1		mg/L	Thallium	ND	0.0150	1		mg/L
Cobalt	ND	0.00500	1		mg/L	Vanadium	ND	0.00500	1		mg/L
Copper	ND	0.00500	1		mg/L	Zinc	0.0120	0.0100	1		mg/L
Lead	ND	0.0100	1		mg/L						

MW4	**02-06-1143-3**	**06/27/02**	**Aqueous**	**07/01/02**	**07/02/02**	**020627lcs6**

Comment(s): Mercury was analyzed on 6/28/02 11:24:45 AM with batch 020627lcs2

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.0150	1		mg/L	Mercury	ND	0.00050	1		mg/L
Arsenic	ND	0.0150	1		mg/L	Molybdenum	ND	0.00500	1		mg/L
Barium	0.0291	0.0100	1		mg/L	Nickel	0.0105	0.0050	1		mg/L
Beryllium	ND	0.00100	1		mg/L	Selenium	ND	0.0150	1		mg/L
Cadmium	0.00678	0.00500	1		mg/L	Silver	ND	0.00500	1		mg/L
Chromium (Total)	0.399	0.005	1		mg/L	Thallium	ND	0.0150	1		mg/L
Cobalt	ND	0.00500	1		mg/L	Vanadium	ND	0.00500	1		mg/L
Copper	0.0156	0.0050	1		mg/L	Zinc	0.0774	0.0100	1		mg/L
Lead	ND	0.0100	1		mg/L						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: Filtered
Method: EPA 6010B / EPA 7470A

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW3	**02-06-1143-4**	**06/27/02**	**Aqueous**	**07/01/02**	**07/02/02**	**020627lcs6**

Comment(s): Mercury was analyzed on 6/28/02 11:27:48 AM with batch 020627lcs2

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.0150	1		mg/L	Mercury	ND	0.00050	1		mg/L
Arsenic	ND	0.0150	1		mg/L	Molybdenum	ND	0.00500	1		mg/L
Barium	0.0433	0.0100	1		mg/L	Nickel	ND	0.00500	1		mg/L
Beryllium	ND	0.00100	1		mg/L	Selenium	ND	0.0150	1		mg/L
Cadmium	ND	0.00500	1		mg/L	Silver	ND	0.00500	1		mg/L
Chromium (Total)	0.00527	0.00500	1		mg/L	Thallium	ND	0.0150	1		mg/L
Cobalt	ND	0.00500	1		mg/L	Vanadium	ND	0.00500	1		mg/L
Copper	ND	0.00500	1		mg/L	Zinc	0.0128	0.0100	1		mg/L
Lead	ND	0.0100	1		mg/L						

MW2	**02-06-1143-5**	**06/27/02**	**Aqueous**	**07/01/02**	**07/02/02**	**020627lcs6**

Comment(s): Mercury was analyzed on 6/28/02 11:30:46 AM with batch 020627lcs2

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.0150	1		mg/L	Mercury	ND	0.00050	1		mg/L
Arsenic	ND	0.0150	1		mg/L	Molybdenum	ND	0.00500	1		mg/L
Barium	0.0381	0.0100	1		mg/L	Nickel	ND	0.00500	1		mg/L
Beryllium	ND	0.00100	1		mg/L	Selenium	ND	0.0150	1		mg/L
Cadmium	ND	0.00500	1		mg/L	Silver	ND	0.00500	1		mg/L
Chromium (Total)	0.0270	0.0050	1		mg/L	Thallium	ND	0.0150	1		mg/L
Cobalt	ND	0.00500	1		mg/L	Vanadium	ND	0.00500	1		mg/L
Copper	ND	0.00500	1		mg/L	Zinc	ND	0.0100	1		mg/L
Lead	ND	0.0100	1		mg/L						

MW1	**02-06-1143-6**	**06/27/02**	**Aqueous**	**07/01/02**	**07/02/02**	**020627lcs6**

Comment(s): Mercury was analyzed on 7/3/02 6:49:48 PM with batch 020627lcs2

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.0150	1		mg/L	Mercury	ND	0.00050	1		mg/L
Arsenic	ND	0.0150	1		mg/L	Molybdenum	ND	0.00500	1		mg/L
Barium	0.0567	0.0100	1		mg/L	Nickel	ND	0.00500	1		mg/L
Beryllium	ND	0.00100	1		mg/L	Selenium	ND	0.0150	1		mg/L
Cadmium	ND	0.00500	1		mg/L	Silver	ND	0.00500	1		mg/L
Chromium (Total)	0.0202	0.0050	1		mg/L	Thallium	ND	0.0150	1		mg/L
Cobalt	ND	0.00500	1		mg/L	Vanadium	ND	0.00500	1		mg/L
Copper	ND	0.00500	1		mg/L	Zinc	0.0608	0.0100	1		mg/L
Lead	ND	0.0100	1		mg/L						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	Total Digestion
Method:	EPA 6010B / EPA 7470A

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-04-008-866**	**N/A**	**Aqueous**	**06/27/02**	**06/28/02**	**020627lcs2**

Parameter	Result	RL	DF	Qual	Units
Mercury	ND	0.00050	1		mg/L

Method Blank	**097-01-003-2,450**	**N/A**	**Aqueous**	**06/27/02**	**06/28/02**	**020627lcs6**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.0150	1		mg/L	Molybdenum	ND	0.00500	1		mg/L
Arsenic	ND	0.0150	1		mg/L	Nickel	ND	0.00500	1		mg/L
Barium	ND	0.0100	1		mg/L	Selenium	ND	0.0150	1		mg/L
Beryllium	ND	0.00100	1		mg/L	Silver	ND	0.00500	1		mg/L
Cadmium	ND	0.00500	1		mg/L	Thallium	ND	0.0150	1		mg/L
Chromium (Total)	ND	0.00500	1		mg/L	Vanadium	ND	0.00500	1		mg/L
Cobalt	ND	0.00500	1		mg/L	Zinc	ND	0.0100	1		mg/L
Copper	ND	0.00500	1		mg/L	Lead	ND	0.0100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: N/A
Method: EPA 7196A

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Matrix	Date Collected	Date Prepared	Date Analyzed	QC Batch ID
MW6	02-06-1143-1	Aqueous	06/27/02	N/A	06/27/02	0627CRMB1

Parameter	Result	RL	DF	Qual	Units
Hexavalent Chromium	ND	0.020	1		mg/L

MW5	02-06-1143-2	Aqueous	06/27/02	N/A	06/27/02	0627CRMB1

Parameter	Result	RL	DF	Qual	Units
Hexavalent Chromium	ND	0.020	1		mg/L

MW4	02-06-1143-3	Aqueous	06/27/02	N/A	06/27/02	0627CRMB1

Parameter	Result	RL	DF	Qual	Units
Hexavalent Chromium	0.42	0.02	1		mg/L

MW3	02-06-1143-4	Aqueous	06/27/02	N/A	06/27/02	0627CRMB1

Parameter	Result	RL	DF	Qual	Units
Hexavalent Chromium	ND	0.020	1		mg/L

MW2	02-06-1143-5	Aqueous	06/27/02	N/A	06/27/02	0627CRMB1

Parameter	Result	RL	DF	Qual	Units
Hexavalent Chromium	0.037	0.020	1		mg/L

MW1	02-06-1143-6	Aqueous	06/27/02	N/A	06/27/02	0627CRMB1

Parameter	Result	RL	DF	Qual	Units
Hexavalent Chromium	0.022	0.020	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	N/A
Method:	EPA 7196A

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Matrix	Date Collected	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-064-1,077**	**Aqueous**	**N/A**	**N/A**	**06/27/02**	**0627CRMB1**

Parameter	Result	RL	DF	Qual	Units
Hexavalent Chromium	ND	0.020	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW6	**02-06-1143-1**	**06/27/02**	**Aqueous**	**N/A**	**06/29/02**	**062802L03**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	41	1	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	18	1	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	2.0	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	86-118		Toluene-d8	102	88-110	
1,4-Bromofluorobenzene	96	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: EPA 5030B
Method: EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW5	02-06-1143-2	06/27/02	Aqueous	N/A	06/28/02	062702L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	60	1	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	4.2	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	1.1	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	86-118		Toluene-d8	96	88-110	
1,4-Bromofluorobenzene	88	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW4	02-06-1143-3	06/27/02	Aqueous	N/A	06/28/02	062802L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	3.0	0.5	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	15	1	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	4.7	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	38	1	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	10	1	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	13	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	3.7	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	3.3	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	86-118		Toluene-d8	101	88-110	
1,4-Bromofluorobenzene	97	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW3	02-06-1143-4	06/27/02	Aqueous	N/A	06/28/02	062802L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	4.3	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	86-118		Toluene-d8	98	88-110	
1,4-Bromofluorobenzene	97	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW2	02-06-1143-5	06/27/02	Aqueous	N/A	06/28/02	062802L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	1.7	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	5.5	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	14	1	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	7.1	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	20	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	1.9	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	3.5	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	86-118		Toluene-d8	102	88-110	
1,4-Bromofluorobenzene	96	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW1	02-06-1143-6	06/27/02	Aqueous	N/A	06/28/02	062802L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	0.87	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	1.7	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	30	1	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	49	1	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	7.6	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	17	1	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	86-118		Toluene-d8	100	88-110	
1,4-Bromofluorobenzene	97	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-5,482**	**N/A**	**Aqueous**	**N/A**	**06/27/02**	**062702L01**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	86-118		Toluene-d8	97	88-110	
1,4-Bromofluorobenzene	90	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-5,489**	**N/A**	**Aqueous**	**N/A**	**06/28/02**	**062802L01**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	86-118		Toluene-d8	101	88-110	
1,4-Bromofluorobenzene	99	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Los Nietos Business Park

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-5,491**	**N/A**	**Aqueous**	**N/A**	**06/29/02**	**062802L03**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	86-118		Toluene-d8	101	88-110	
1,4-Bromofluorobenzene	98	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: Total Digestion
Method: EPA 6010B

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
02-06-1110-3	**Aqueous**	**ICP 3300**	**06/27/02**	**07/02/02**	**062702ms6**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	103	103	80-120	0	0-20	
Arsenic	102	102	80-120	0	0-20	
Barium	95	96	80-120	0	0-20	
Beryllium	97	97	80-120	1	0-20	
Cadmium	92	92	80-120	1	0-20	
Chromium (Total)	97	97	80-120	0	0-20	
Cobalt	97	98	80-120	0	0-20	
Copper	106	107	80-120	1	0-20	
Lead	92	92	80-120	0	0-20	
Molybdenum	96	96	80-120	0	0-20	
Nickel	96	96	80-120	0	0-20	
Selenium	100	100	80-120	0	0-20	
Silver	102	102	80-120	0	0-20	
Thallium	88	88	80-120	1	0-20	
Vanadium	98	98	80-120	0	0-20	
Zinc	104	104	80-120	0	0-20	

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: Total Digestion
Method: EPA 6010B

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-2,450	Aqueous	ICP 3300	06/28/02	020627-I	020627lcs6

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Antimony	1.00	0.976	98	80-120	
Arsenic	1.00	0.974	97	80-120	
Barium	1.00	1.06	106	80-120	
Beryllium	1.00	0.967	97	80-120	
Cadmium	1.00	0.991	99	80-120	
Chromium (Total)	1.00	1.00	100	80-120	
Cobalt	1.00	1.08	108	80-120	
Copper	1.00	0.950	95	80-120	
Lead	1.00	1.01	101	80-120	
Molybdenum	1.00	0.981	98	80-120	
Nickel	1.00	1.03	103	80-120	
Selenium	1.00	0.922	92	80-120	
Silver	0.500	0.474	95	80-120	
Thallium	1.00	1.02	102	80-120	
Vanadium	1.00	0.973	97	80-120	
Zinc	1.00	1.01	101	80-120	

Calscienc Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: N/A
Method: EPA 7196A

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
02-06-1111-4	**Aqueous**	**UV 2**	**N/A**	**06/27/02**	**0627CRMS1**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Hexavalent Chromium	101	101	70-130	0	0-25	

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Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Project: Los Nietos Business Park

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	N/A
Method:	EPA 7196A

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-064-1,077	Aqueous	UV 2	06/27/02	NONE	0627CRMB1

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Hexavalent Chromium	0.50	0.51	101	80-120	

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: Total Digestion
Method: EPA 7470A

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
02-06-1110-2	Aqueous	Mercury	06/27/02	06/28/02	062702ms2

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	83	85	71-134	2	0-14	

Calscience Environmental Laboratori s, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Project: Los Nietos Business Park

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	Total Digestion
Method:	EPA 7470A

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-04-008-866	Aqueous	Mercury	06/28/02	020627 I	020627lcs2

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Mercury	0.0100	0.0111	111	90-122	

Calsci nc Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: EPA 5030B
Method: EPA 8260B

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
02-06-1009-9	Aqueous	GC/MS U	N/A	06/27/02	062702S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	98	72-127	0	0-25	
Carbon Tetrachloride	98	97	70-130	1	0-25	
Chlorobenzene	98	98	72-131	0	0-25	
1,2-Dichlorobenzene	96	97	70-130	2	0-25	
1,1-Dichloroethene	97	97	69-127	1	0-25	
Toluene	98	98	75-124	0	0-25	
Trichloroethene	97	97	60-137	0	0-25	
Vinyl Chloride	103	101	70-130	2	0-25	
Methyl-t-Butyl Ether (MTBE)	92	94	80-120	3	0-25	
Ethanol	98	110	60-140	11	0-25	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: EPA 5030B
Method: EPA 8260B

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-5,482	Aqueous	GC/MS U	N/A	06/27/02	062702L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	97	72-127	1	0-25	
Carbon Tetrachloride	100	97	70-130	3	0-25	
Chlorobenzene	99	99	72-131	0	0-25	
1,2-Dichlorobenzene	98	98	70-130	1	0-25	
1,1-Dichloroethene	99	98	69-127	1	0-25	
Toluene	99	98	75-124	1	0-25	
Trichloroethene	98	95	60-137	2	0-25	
Vinyl Chloride	102	102	79-118	0	0-25	
Methyl-t-Butyl Ether (MTBE)	97	95	80-120	2	0-25	
Tert-Butyl Alcohol (TBA)	89	92	60-140	3	0-25	
Diisopropyl Ether (DIPE)	106	105	60-140	1	0-25	
Ethyl-t-Butyl Ether (ETBE)	99	98	60-140	1	0-25	
Tert-Amyl-Methyl Ether (TAME)	99	98	60-140	1	0-25	
Ethanol	107	110	60-140	3	0-25	

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: EPA 5030B
Method: EPA 8260B

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW6	**Aqueous**	**GC/MS U**	**N/A**	**06/28/02**	**062802S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	103	72-127	0	0-25	
Carbon Tetrachloride	106	103	70-130	3	0-25	
Chlorobenzene	102	103	72-131	1	0-25	
1,2-Dichlorobenzene	102	105	70-130	3	0-25	
1,1-Dichloroethene	102	100	69-127	2	0-25	
Toluene	103	102	75-124	1	0-25	
Trichloroethene	107	104	60-137	2	0-25	
Vinyl Chloride	101	101	70-130	0	0-25	
Methyl-t-Butyl Ether (MTBE)	107	109	80-120	1	0-25	
Ethanol	94	103	60-140	9	0-25	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Project: Los Nietos Business Park

Date Received:	06/27/02
Work Order No:	02-06-1143
Preparation:	EPA 5030B
Method:	EPA 8260B

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-5,489	Aqueous	GC/MS U	N/A	06/28/02	062802L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	99	72-127	0	0-25	
Carbon Tetrachloride	101	99	70-130	1	0-25	
Chlorobenzene	101	99	72-131	2	0-25	
1,2-Dichlorobenzene	102	101	70-130	1	0-25	
1,1-Dichloroethene	99	99	69-127	0	0-25	
Toluene	101	101	75-124	0	0-25	
Trichloroethene	101	100	60-137	1	0-25	
Vinyl Chloride	96	97	79-118	1	0-25	
Methyl-t-Butyl Ether (MTBE)	102	103	80-120	1	0-25	
Tert-Butyl Alcohol (TBA)	101	112	60-140	10	0-25	
Diisopropyl Ether (DIPE)	100	101	60-140	0	0-25	
Ethyl-t-Butyl Ether (ETBE)	101	101	60-140	1	0-25	
Tert-Amyl-Methyl Ether (TAME)	102	103	60-140	1	0-25	
Ethanol	97	105	60-140	8	0-25	

Calscienc Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833-4324

Date Received: 06/27/02
Work Order No: 02-06-1143
Preparation: EPA 5030B
Method: EPA 8260B

Project: Los Nietos Business Park

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-5,491	Aqueous	GC/MS U	N/A	06/29/02	062802L03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	104	72-127	3	0-25	
Carbon Tetrachloride	105	105	70-130	1	0-25	
Chlorobenzene	100	101	72-131	0	0-25	
1,2-Dichlorobenzene	102	103	70-130	1	0-25	
1,1-Dichloroethene	102	103	69-127	2	0-25	
Toluene	102	104	75-124	2	0-25	
Trichloroethene	103	105	60-137	2	0-25	
Vinyl Chloride	102	103	79-118	2	0-25	
Methyl-t-Butyl Ether (MTBE)	104	109	80-120	4	0-25	
Tert-Butyl Alcohol (TBA)	97	107	60-140	10	0-25	
Diisopropyl Ether (DIPE)	103	106	60-140	3	0-25	
Ethyl-t-Butyl Ether (ETBE)	103	108	60-140	4	0-25	
Tert-Amyl-Methyl Ether (TAME)	103	106	60-140	3	0-25	
Ethanol	94	98	60-140	5	0-25	

Calscience Environmental Laboratories, Inc.

GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 02-06-1143

Qualifier	Definition
ND	Not detected at indicated reporting limit.

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date: June 27, 2002

Page 1 of 1

LABORATORY CLIENT: VRS Corporation

ADDRESS: 10235 Systems Parkway, Suite A

CITY: Sacramento STATE: CA ZIP: 95827

TEL: 916 2312305 FAX: 916 366-7048 E-MAIL:

CLIENT PROJECT NAME / NUMBER: Los Nietos Business Park

PROJECT CONTACT: Scott Allin

SAMPLER(S): (SIGNATURE) Kevin Sheridan

P.O. NO.:

LAB USE ONLY: 0 6 - 1 1 1 3

COOLER RECEIPT TEMP = ____ °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___ / ___ / ___.

SPECIAL INSTRUCTIONS
- Filter and Preserve T22 metals Samples
- prepare Cr^6 samples within 24 hours

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	LOCATION/DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or ___	BTEX / MTBE (8021B)	HALOCARBONS (8021B)	VOCs (8260B)	VOCs (5035 / 8260B) EnCore	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	EDB / DBCP (504.1) or (8011)	CAC, T22 METALS (6010B)	PNAs (8310)	VOCs (TO-14A) or (TO-15)	CH_4 / TGNMO (25.1)	FIXED GASES (25.1) or (D1946)	Cr^6 (Hex Chromium)				
	MW6	monitoring well	6-27-02	7:35	Water	5					X						X					X				
	MW5	↓	↓	8:30	↓	5					X						X					X				
	MW4			9:30		5					X						X					X				
	MW3			10:35		5					X						X					X				
	MW2			11:20		5					X						X					X				
	MW1			12:25		5					X						X					X				

Relinquished by: (Signature)	Received by: (Signature)	Date: 6/27/02	Time: 1:42pm
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature)	Date: 6-27-02	Time: 13:42

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Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Yellow and Pink copies respectively.

10/01/00 Revision

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