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REPORT
QUARTERLY GROUNDWATER SAMPLING
DECEMBER 2005
MARYLAND SQUARE SHOPPING CENTER
3661 SOUTH MARYLAND PARKWAY
LAS VEGAS, NEVADA
FOR AL PHILLIPS THE CLEANER

H-000086

URS Corporation
Job No. 26698724.00005
February 6, 2006

URS

February 6, 2006

National Drycleaners, Inc.
4510 W. 63rd Terrace
Prairie Village, KS 66208
Attn: Mr. Randy Jackson

Al Phillips the Cleaner
3250 Ali Baba Lane, Suites C-F
Las Vegas, NV 89118
Attn: Mr. Stephen Mailloux

Re: **Quarterly Groundwater Sampling, December 2005**
Maryland Square Shopping Center
3661 South Maryland Parkway, Las Vegas, Nevada
Facility ID: H-000086

Gentlemen:

URS Corporation is pleased to submit the December 2005 quarterly groundwater sampling event report for the Maryland Square Shopping Center. Groundwater from 24 monitoring wells was sampled during this quarterly sampling event and was submitted to the laboratory to test for volatile organic compounds (VOCs). Analysis of total organic carbon, dissolved iron and manganese, chloride, nitrate, sulfate, and alkalinity was also performed for selected groundwater samples.

The Nevada Division of Environmental Protection (NDEP) requires the following statements to be provided by the responsible Environmental Manager for this project (per NRS 459.500):

"I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein."

"I, Scott Ball, hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations and ordinances."

Sincerely,
URS Corporation

Scott Ball

Scott Ball, CEM #1316
Expires Oct 15, 2007
Project Manager

cc: Sara Arav-Piper, NDEP

URS Corporation
7180 Pollock Drive, Suite 200
Las Vegas, NV 89119
Tel: 702.837.1500
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QUARTERLY GROUNDWATER SAMPLING
DECEMBER 2005
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3661 SOUTH MARYLAND PARKWAY
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Prepared for:

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3250 W. Ali Baba Lane, Suites C-F
Las Vegas, Nevada 89118

and

National Drycleaners, Inc.
4510 W. 63rd Terrace
Prairie Village, KS 66208

Prepared by:

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7180 Pollock Drive, Suite 200
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1.0 INTRODUCTION AND BACKGROUND

This report presents the results of the December 2005 quarterly groundwater-sampling event at the former Al Phillips the Cleaner (Al Phillips), Maryland Square Shopping Center located at 3661 South Maryland Parkway in Las Vegas, Nevada (Figure 1). This report includes the results of groundwater sampling of twenty-four monitoring wells during December 2005. URS Corporation (URS), on behalf of Al Phillips, conducted the work. As required by State law, this project is being performed under the supervision of a certified Environmental Manager.

Al Phillips recently took over control of assessment activities at the site from the Herman Kishner Trust. Prior to URS site investigations, Converse Consultants (Converse) performed several subsurface assessments and groundwater sampling at the former Al Phillips facility from August 2000 through March 2004. Converse's findings indicate that PCE was detected in soil beneath the former facility and in groundwater adjacent to, and down gradient from, the facility. URS reviewed eleven Converse reports (see References) and other documents obtained from Converse and the Nevada Department of Environmental Protection (NDEP). URS then evaluated the data to assess whether or not the PCE source area for the groundwater plume, the lateral and vertical extent of the groundwater plume, the geology of the site, and the nature of PCE concentrations in the groundwater plume were characterized. Based upon Converse's reports, concentrations of PCE above regulatory levels are present in soil beneath the former facility and in groundwater. Al Phillips and URS met with NDEP on April 29, 2004 to discuss the transfer of site responsibility to Al Phillips from the Herman Kishner Trust. Following this meeting, a work plan for additional characterization was prepared with a final revised plan issued September 10, 2004 as noted above.

In addition to the data provided by Converse, URS obtained findings from SECOR International Incorporated (SECOR, 2004) regarding the presence of a hydrocarbon plume in down gradient monitoring well MW-11. This monitoring well is located on the Boulevard Mall Property, east of the former Al Phillips site. This well was sampled on February 12, 2004 by representatives from both SECOR and Converse. Analysis of the samples determined that a phase-separated liquid, identified as a weathered gasoline, was present in the groundwater from the well. SECOR has undertaken remedial action at this well to remove hydrocarbon-contaminated water.

In April 2005, URS drilled seven boreholes in and around the site of the former Al Phillips the Cleaner facility. URS drilled three boreholes (B-6, B-7, and B-8) around the area where the dry cleaning equipment was formerly located. The other five boreholes (B-9 through B-12) were drilled in areas surrounding the location. Soil samples were taken at five-foot intervals from each borehole, except for B-11 and B-12. Based on analytical results from the soil samples collected during the April 2005 drilling and sampling event, only three soil samples (B-8-5, B-10-10, and B-10-15)

exceeded the maximum soil PRG for PCE of 3,400 µg /Kg for soil located on an industrial parcel. The highest concentration detected was 120,000 µg /Kg in borehole B-10-10ft.

In addition to the boreholes, six new groundwater-monitoring wells were installed by URS in March 2005. These wells are MW-17, MW-18, MW-22, MW-23, MW-24, and MW-25. MW-17 is located in the parking area east of the building formerly occupied by Al Phillips. Monitoring wells MW-18, MW-22, MW-23, MW-24, MW-25 were installed in the residential area down gradient (east) of the Boulevard Mall and Al Phillips.

2.0 GROUNDWATER SAMPLING PROCEDURES

2.1 GROUNDWATER SAMPLING

Groundwater samples from all 24 monitoring wells (MW-1 through MW-25, excluding MW-11) were collected during this sampling event on December 13, 14, and 15, 2005. An electronic water level meter, accurate to the nearest ± 0.01 feet, was used to measure depth to water in each well. Total well depths were also measured by lowering the weighted probe to the bottom of the well and recording the depth to the nearest 0.1 foot.

Monitoring wells were then purged prior to sampling. A minimum of three casing volumes of groundwater was purged using a submersible pump and/or a dedicated bailer. When used, the pump was decontaminated before and after use in each well. Casing volumes were calculated based on total well depth, standing water level, and casing diameter. Water quality parameters were monitored during well purging to evaluate when stable values have been attained. Temperature, pH and specific conductance (SC), dissolved oxygen (DO), turbidity, and oxidation reduction potential (ORP) were monitored during well purging. The depth to water, water quality measurements, and purge volumes were entered in the purge log.

Purge water and decontamination water was placed in DOT-approved 55-gallon drums. The drums were labeled and stored at the former Al Phillips facility.

Monitoring wells were sampled using a clean disposable bailer. Groundwater samples were collected in four different types of containers based on the selected analysis. Water samples to be analyzed for VOCs were collected in three 40-milliliter clear glass VOA vials pre-preserved with hydrochloric acid. Three VOA vials were collected in case one breaks during transport. The VOA vials were filled so that there was no headspace. Water samples to be analyzed for TOC were collected in 500-milliliter amber glass bottles pre-preserved with sulfuric acid. Two bottles were collected from each monitor well just in case one broke during transport. Groundwater samples to be analyzed for dissolved iron and manganese were collected in one liter clear plastic bottles that contained no preservative. These samples were filtered and preserved with nitric acid by the laboratory prior to analysis. Groundwater samples to be analyzed for chloride, nitrate, sulfate, and alkalinity were also collected in one liter clear plastic bottles that contained no preservative. Groundwater samples were transferred from the disposable bailer directly into the appropriate sample containers and were numbered by well number on the sample container.

Groundwater samples were labeled with the date and time the sample was collected, the sample and well number, and name of the firm and signature of the individual collecting the sample. The sample containers were sealed, labeled, and stored in a cooler with ice. Chain-of-custody forms (Appendix)

were filled out with all the appropriate sample information, and accompanied the samples to the analytical laboratory. Field meter probes were decontaminated before and after use at each well.

3.0 FIELD DATA AND TEST RESULTS

3.1 WATER LEVELS AND GRADIENT

The depth to water in each of the twenty-four selected monitoring wells was measured on December 13, 14, and 15, 2005 and is listed on Table 1 along with historical data. The depth to groundwater ranged from approximately 9.70 feet below top of casing in well MW-18 to 24.30 feet in well MW-22. Figure 2 shows hydrographs for the shallow wells during the last five years. In general, groundwater elevation has decreased by approximately one foot since the September 2005 sampling event. This may be indicative of seasonal groundwater fluctuation. The general flow direction for the shallow aquifer varies from approximately N80°E to N85°E, as indicated by the groundwater contours and flow directions shown on Figure 3. As quarterly sampling continues, a better picture of quarterly water levels and their fluctuation will be evaluated.

3.2 GROUNDWATER ANALYSES AND CHEMISTRY

The groundwater samples were analyzed for VOCs, by U.S. EPA method 8260B. Selected samples from monitoring wells MW-1, MW-13, MW-18, and MW-25 were analyzed for total iron and manganese; chloride, nitrate, and sulfate; alkalinity, and total organic carbon (TOC), by U.S. EPA methods 200.8, 300.0 and 310.1, and 415.1, respectively. The laboratory analytical reports and chain-of-custody forms are provided in the Appendix.

Table 2 summarizes field measurements of groundwater temperature, pH, specific conductance (SC), DO, ORP, and turbidity in the monitoring wells. Groundwater temperatures ranged from 20.5 to 27.3 degrees Centigrade (°C) and pH measured during this sampling event ranged from 6.42 to 6.98. Groundwater SC in the intermediate well (MW-9) was 2,450 microsiemens (equivalent to ohms) per centimeter (µS/cm), while the SC of shallow groundwater wells ranged from 3,660 to 5,330 µS/cm. Field measurements of DO concentration in the groundwater are used to monitor the extent of natural attenuation occurring within the aquifer. DO concentrations below 0.5 milligrams per liter (mg/L) are considered characteristic of anaerobic conditions (Wiedemeier et al, 1998). DO concentrations during this sampling event in the shallow and intermediate wells ranged from 0.54 to 3.2 mg/L, and 2.5 mg/L, respectively. ORP values for shallow wells ranged from -140 to 523 millivolts (mV), while the intermediate well had an ORP of 123 mV.

The Nevada Drinking Water Standards Maximum Contaminant Level (MCL) for PCE in groundwater is 5 micrograms per liter (µg/L). Analytical results for groundwater collected during this sampling event from shallow wells MW-1, MW-2, MW-4 through MW-6, MW-13, MW-14, MW-15, MW-17 through MW-21, and MW-23 through MW-25 exceeded the PCE MCL. The analytical results for groundwater collected from intermediate well MW-9 also exceeded the PCE

MCL. Table 3 summarizes the analytical data for PCE detected in the wells. Figures 4A and 4B show the PCE concentrations vs. time in the shallow and intermediate wells, respectively. The highest concentration of PCE detected this quarter was 3,400 µg/L in shallow wells MW-13 and MW-14. Wells MW-13 and MW-14 are located down gradient from the site on the Boulevard Mall property. PCE was not detected in shallow wells MW-3, MW-10, and MW-16. PCE was detected in quantities below the PCE MCL in shallow wells MW-7, MW-8, MW-12, and MW-22. PCE was detected at 1,000 µg/L in well MW-25, which is the farthest down gradient (east) well. Figures 5 shows the monitoring well locations, respective PCE concentrations for selected shallow and intermediate wells, and the estimated PCE plume area for the shallow aquifer for this current sampling event.

Trichloroethene (TCE), a degradation compound of PCE, was detected in groundwater this sampling event, in wells MW-6 and MW-21, at 41 and 1.8 µg/L, respectively. TCE is a first order reductive dechlorination (anaerobic conditions) degradation compound of PCE. Based on prior groundwater analytical results, TCE has been detected at similar concentrations in wells MW-2 and MW-6 in prior sampling events.

A secondary degradation compound detected in groundwater samples this sampling event was cis-1,2-dichloroethene, at 21 µg/L in MW-6 and 1.3µg/L in MW-21. This compound has been detected at low concentrations in samples from prior sampling events and is potentially derived from breakdown of the PCE impact.

Table 4 summarizes the results of laboratory testing for ionic compounds for the December 2005 sampling event. This is the second sampling event during which these parameters have been monitored. Iron concentrations ranged from 3.0 mg/L to 7.0 mg/L and manganese concentrations ranged from non-detect (<0.0050 mg/L) to 0.110 mg/L. The anions, chloride, nitrate and sulfate ranged from 180 to 200 mg/L, 4.5 to 8.1 mg/L and 1,600 to 1,900 mg/L, respectively. Total alkalinity laboratory concentrations ranged from non-detect 190 to 230 mg/L. Total organic carbon (TOC) concentrations ranged from 1.3 to 1.7 mg/L.

5.0 REFERENCES

Converse Consultants, 2000. Offsite Investigation, Maryland Square Shopping Center, Las Vegas, NV dated November 28, 2000.

-----, 2001. A through K Data Research Report, dated August 22, 2001.

-----, 2002a. Work Plan – Additional Site Investigation, dated January 11, 2002.

-----, 2002b. Additional Soil and Groundwater Investigation, dated November 13, 2002.

-----, 2003a. Additional Soil and Groundwater Investigation, dated May 16, 2003.

-----, 2003b. Preliminary Corrective Action Plan (CAP), dated June 27, 2003.

-----, 2003c. Work Plan – Additional Site Activities, dated September 12, 2003.

-----, 2003d. Groundwater Monitoring Report – 3rd Quarter 2003, dated October 31, 2003.

-----, 2004. Well Installation/Slug Testing/Groundwater Monitoring Report – 4th Quarter 2003 and 1st Quarter 2004, dated March 2004.

SECOR International Incorporated, 2004. Preliminary Well Assessment, Monitoring Well MW-11, West of Dillard's Boulevard Mall Property, Las Vegas, NV, dated March 29, 2004.

URS, 2004. Revised Work Plan, Proposed Subsurface Investigation, Former Al Phillips the Cleaner Site, Maryland Square Shopping Center, Las Vegas, NV, dated September 10, 2004.

URS, 2005. Subsurface Investigation, Former Al Phillips the Cleaner Site, Maryland Square Shopping Center, Las Vegas, NV, dated July 11, 2005 .

URS, 2005. Quarterly Groundwater Sampling, Former Al Phillips the Cleaner Site, Maryland Square Shopping Center, Las Vegas, NV, dated September 26, 2005.

URS, 2005. Proposed Remedial Pilot Study, Former Al Phillips the Cleaner Site, Maryland Square Shopping Center, Las Vegas, NV, dated December 27, 2005.

Wiedemeier, T. H., et al. 1998. Technical protocol for evaluating natural attenuation of chlorinated solvents in ground water. U.S. Environmental Protection Agency, Office of Research and Development, Publication U.S. EPA/600/R-98/128.

TABLES

TABLE 1
SUMMARY OF WELL CHARACTERISTICS AND GROUNDWATER LEVELS
Maryland Square Shopping Center

Well ID	Install Date	Top of Casing (Elevation)	Screen Depth (in ft)	Sample Date	GROUNDWATER DEPTH/ELEVATION DATA Depth to Water (in ft)	Elevation (in ft)
SHALLOW WELLS						
MW-1	Aug-00	1,991.81	10-30	Oct 00	17.54	1974.27
		1,992.04		Sep 02	17.90	1974.14
				May 03	18.70	1973.34
				Sept 03	18.97	1973.07
				Jan 04	19.30	1972.74
				May 05	15.24	1976.80
				Sept 05	16.74	1975.30
				Dec 05	17.61	1974.43
MW-2	Oct-00	1,983.79	10-32	Oct 00	15.52	1968.27
		1,983.99		Sep 02	16.62	1967.37
				May 03	17.15	1966.84
		1,983.97		Sept 03	17.70	1966.27
				Jan 04	18.25	1965.72
				May 05	14.65	1969.32
				Dec 05	16.00	1967.97
MW-3	Oct-00	1,984.19	10-32	Oct 00	15.95	1968.24
		1,984.46		Sep 02	17.20	1967.26
				May 03	17.70	1966.76
		1,984.43		Sept 03	18.35	1966.08
				Jan 04	19.25	1965.18
				May 05	15.22	1969.21
				Dec 05	16.45	1967.98
MW-4	Oct-00	1,989.68	10-32	Oct 00	16.95	1972.73
		1,989.87		Sep 02	NM	NM
				May 03	18.71	1971.16
		1,989.85		Sept 03	19.05	1970.80
				Jan 04	19.86	1969.99
				May 05	15.83	1974.02
				Dec 05	17.62	1972.23
MW-5	Oct-00	1,988.93	10-32	Oct 00	16.20	1972.73
		1,989.18		Sep 02	17.00	1972.18
				May 03	17.80	1971.38
				Sept 03	18.07	1971.11
				Jan 04	18.65	1970.53
				May 05	14.87	1974.31
				Dec 05	16.80	1972.38
MW-6	Oct-00	1,988.72	10-32	Oct 00	17.41	1971.31

TABLE 1
SUMMARY OF WELL CHARACTERISTICS AND GROUNDWATER LEVELS
Maryland Square Shopping Center

Well ID	Install Date	Top of Casing (Elevation)	Screen Depth (in ft)	Sample Date	GROUNDWATER DEPTH/ELEVATION DATA	
					Depth to Water (in ft)	Elevation (in ft)
MW-6	Oct-00	1,989.01	10-32	Sep 02	18.26	1970.75
				May 03	18.87	1970.14
				Sept 03	19.25	1969.76
				Jan 04	19.74	1969.27
				May 05	16.21	1972.80
				Sept 05	17.26	1971.75
				Dec 05	17.88	1971.13
MW-7	Sep 02	1,990.28	10-30	Sep 02	18.27	1972.01
				May 03	16.60	1973.68
		1,990.25		Sept 03	16.79	1973.46
				Jan 04	17.32	1972.93
				May 05	13.86	1976.39
				Sept 05	14.97	1975.28
				Dec 05	15.45	1974.80
MW-8	Sep 02	1,994.25	10-30	Sep 02	18.55	1975.70
				May 03	19.50	1974.75
		1,994.23		Sept 03	19.55	1974.68
				Jan 04	19.91	1974.32
				May 05	15.51	1978.72
				Dec 05	18.48	1975.75
MW-10	Sep 02	1,983.81	10-30	Sep 02	18.51	1965.30
				May 03	18.65	1965.16
		1,983.80		Sept 03	19.45	1964.35
				Jan 04	20.32	1963.48
				May 05	16.76	1967.04
				Sept 05	16.95	1966.85
				Dec 05	17.64	1966.16
MW-11	Sep 02	1,980.24	13.5-33.5	Sep 02	24.22	1956.02
				May 03	24.25	1955.99
				Sept 03	25.62	1954.62
				Jan 04	26.22	1954.02
				May 05	22.55	1957.69
MW-12	Sep 02	1,996.59	13.5-33.5	Sep 02	14.90	1981.69
				May 03	15.07	1981.52
		1,996.50		Sept 03	15.30	1981.20
				Jan 04	15.40	1981.10
				May 05	12.34	1984.16
				Sept 05	13.45	1983.05

TABLE 1
SUMMARY OF WELL CHARACTERISTICS AND GROUNDWATER LEVELS
Maryland Square Shopping Center

Well ID	Install Date	Top of Casing (Elevation)	Screen Depth (in ft)	Sample Date	GROUNDWATER DEPTH/ELEVATION DATA	
					Depth to Water (in ft)	Elevation (in ft)
MW-12	Sep 02	1,996.50	13.5-33.5	Dec 05	14.20	1982.30
MW-13	May-03	1,984.23	9-29	May 03	17.25	1966.98
		1,984.20		Sept 03	17.60	1966.60
				Jan 04	18.00	1966.20
				May 05	14.76	1969.44
				Sept 05	15.60	1968.60
				Dec 05	16.05	1968.15
MW-14	Nov-03	1,987.89	15-40	Jan 04	18.35	1969.54
				May 05	15.02	1972.87
				Dec 05	16.50	1971.39
MW-15	Nov-03	1,983.28	15-32	Jan 04	15.60	1967.68
				May 05	12.59	1970.69
				Sept 05	13.45	1969.83
				Dec 05	13.77	1969.51
MW-16	Nov-03	1,980.63	19-32	Jan 04	26.22	1954.41
				May 05	23.41	1957.22
				Sept 05	24.12	1956.51
				Dec 05	24.21	1956.42
MW-17 (4-inch)	Apr-05	1,990.92	15-20	May 05	15.07	1975.85
				Dec 05	17.05	1973.87
MW-18 (4-inch)	Apr-05	1,962.87	15-20	May 05	8.71	1954.16
				Sept 05	9.69	1953.18
				Dec 05	9.70	1953.17
MW-19	Nov-03	1,980.26	19-35	Jan 04	25.65	1954.61
				May 05	22.70	1957.56
				Dec 05	23.65	1956.61
MW-20	Nov-03	1,979.99	19-35	Jan 04	25.50	1954.49
				May 05	22.58	1957.41
				Dec 05	23.55	1956.44
MW-21	Nov-03	1,979.56	19-35	Jan 04	24.72	1954.84
				May 05	21.76	1957.80
				Sept 05	22.70	1956.86
				Dec 05	22.85	1956.71
MW-22 (4-inch)	Apr-05	1,974.76	15-20	May 05	23.04	1951.72
				Sept 05	24.18	1950.58
				Dec 05	24.30	1950.46
MW-23 (4-inch)	Apr-05	1,962.32	15-20	May 05	13.06	1949.26
				Dec 05	14.05	1948.27

TABLE 1
SUMMARY OF WELL CHARACTERISTICS AND GROUNDWATER LEVELS
Maryland Square Shopping Center

Well ID	Install Date	Top of Casing (Elevation)	Screen Depth (in ft)	Sample Date	GROUNDWATER DEPTH/ELEVATION DATA	
					Depth to Water (in ft)	Elevation (in ft)
MW-24 (4-inch)	Apr-05	1,960.74	15-20	May 05	10.72	1950.02
				Sept 05	11.75	1948.99
				Dec 05	11.65	1949.09
MW-25 (4-inch)	Apr-05	1,960.74		May 05	16.01	1944.73
				Sept 05	17.45	1943.29
				Dec 05	16.85	1943.89
INTERMEDIATE WELL						
MW-9	Sep-02	1,992.26	48.5-50	Sep 02	18.46	1973.80
				May 03	19.15	1973.11
		1,992.26		Sept 03	19.02	1973.24
				Jan 04	19.05	1973.21
				May 05	15.36	1976.90
				Sept 05	17.85	1974.41
				Dec 05	17.68	1974.58

NOTES: All measurements are in feet. Top of casing elevation is in feet above mean sea level.
All wells are 2-inch diameter PVC casing and screen, unless indicated.
All wells installed prior to September 2003 were resurveyed in September of 2003.
NM = 'not measured'

TABLE 2
SUMMARY OF FIELD WATER QUALITY MEASUREMENTS IN MONITORING WELLS
Maryland Square Shopping Center

Well ID	Sample Date	pH	Temperature (°C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)
SHALLOW WELLS							
MW-1	Jan-04	6.97	22.5	3.48	0.93	NM	NM
	May-05	7.02	26.0	3.98	5.43	110	441
	Sep-05	7.08	27.5	4.16	6.99	129	64
	Dec-05	6.98	26.9	5.1	2.01	404	290
MW-2	Jan-04	7.05	23.2	3.10	1.13	NM	NM
	May-05	6.93	23.4	3.47	4.82	193	698
	Dec-05	6.63	25.4	4.82	2.67	264	360
MW-3	Jan-04	6.87	22.4	2.91	0.97	NM	NM
	May-05	6.99	26.0	2.88	2.54	149	**
	Dec-05	6.55	27.3	4.69	0.88	33	100
MW-4	Jan-04	6.95	22.0	2.71	1.23	NM	NM
	May-05	6.83	24.2	3.73	3.68	160	664
	Dec-05	6.68	25.9	4.90	3.22	219	670
MW-5	Jan-04	6.72	22.3	2.61	1.20	NM	NM
	May-05	7.09	25.4	2.59	4.56	184	**
	Dec-05	6.78	26.8	5.28	1.51	377	>999
MW-6	Jan-04	6.97	22.4	2.31	1.19	NM	NM
	May-05	6.91	25.9	2.35	2.81	123	**
	Sep-05	6.99	26.9	3.95	6.23	-119	34
	Dec-05	6.80	26.5	4.86	1.10	163	220
MW-7	Jan-04	7.00	22.4	2.23	0.93	NM	NM
	May-05	7.10	24.8	1.79	4.03	129	**
	Sep-05	6.97	26.6	4.62	6.22	144	140
	Dec-05	6.67	23.8	5.33	1.80	472	5
MW-8	Jan-04	6.99	22.0	2.16	1.04	NM	NM
	May-05	7.03	27.7	1.75	3.64	107	**
	Dec-05	6.68	24.1	4.24	2.08	483	>999
MW-10	Jan-04	7.00	24.4	3.13	1.03	NM	NM
	May-05	6.82	28.1	3.20	1.46	-253	25
	Sep-05	6.96	27.9	2.90	3.89	-239	28
	Dec-05	6.69	23.9	3.66	1.47	-140	57
MW-11	Jan-04	NM	NM	NM	NM	NM	NM
	May-05	NM	NM	NM	NM	NM	NM
	Sep-05	NM	NM	NM	NM	NM	NM

TABLE 2
SUMMARY OF FIELD WATER QUALITY MEASUREMENTS IN MONITORING WELLS
Maryland Square Shopping Center

Well ID	Sample Date	pH	Temperature (°C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)
MW-11	Dec-05	NM	NM	NM	NM	NM	NM
MW-12	Jan-04	6.99	22.4	2.15	NM	NM	NM
	May-05	6.76	24.9	2.58	3.22	219	**
	Sep-05	7.03	25.6	4.22	4.96	95	160
	Dec-05	6.68	22.5	4.98	2.00	523	210
MW-13	Jan-04	6.61	22.2	3.29	1.07	NM	NM
	May-05	6.97	24.5	2.06	4.16	118	>999
	Sep-05	7.07	25.4	3.95	6.85	144	270
	Dec-05	6.70	24.9	5.03	2.19	250	330
MW-14	Jan-04	6.99	22.3	2.27	1.30	NM	NM
	May-05	6.95	24.7	3.23	NM	140	NM
	Dec-05	6.78	26.1	5.31	2.07	206	>999
MW-15	Jan-04	6.35	22.4	2.20	1.00	NM	NM
	May-05	6.99	25.1	2.33	2.85	164	**
MW-15	Sep-05	6.97	25.8	3.57	3.48	-24	36
	Dec-05	6.58	25.9	4.45	1.03	-38	140
MW-16	Jan-04	6.97	22.4	2.31	0.68	NM	NM
	May-05	7.12	25.2	2.88	1.10	-4	**
	Sep-05	7.00	24.6	3.42	3.50	-31	520
	Dec-05	6.74	25.3	3.76	1.30	48	>999
MW-17*	May-05	6.92	24.1	3.49	5.94	181	22
	Dec-05	6.90	26.8	4.65	2.30	240	6
MW-18*	May-05	7.10	24.3	3.86	5.56	139	>999
	Sep-05	7.10	26.3	4.12	6.21	88	3
	Dec-05	6.79	25.2	4.73	1.98	420	**
MW-19	Jan-04	6.99	22.4	1.90	1.02	NM	NM
	May-05	7.13	25.0	1.86	5.76	130	**
	Dec-05	6.64	24.7	4.74	1.95	388	**
MW-20	Jan-04	6.94	22.6	2.07	1.11	NM	NM
	May-05	7.16	23.6	1.32	4.97	131	**
	Dec-05	6.76	20.5	4.37	0.77	272	**
MW-21	Jan-04	6.91	22.3	2.04	1.08	NM	NM
	May-05	7.07	24.6	2.82	2.88	131	**
	Sep-05	7.06	25.8	4.66	4.07	109	39
	Dec-05	6.64	24.3	4.60	0.54	264	>999

TABLE 2
SUMMARY OF FIELD WATER QUALITY MEASUREMENTS IN MONITORING WELLS
Maryland Square Shopping Center

Well ID	Sample Date	pH	Temperature (°C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)
MW-22*	May-05	6.79	24.1	3.89	1.68	46	474
	Sep-05	6.90	23.9	4.25	7.16	46	10
	Dec-05	6.42	24.6	4.20	1.31	213	**
MW-23*	May-05	7.00	24.5	3.63	2.56	121	**
	Dec-05	6.71	24.9	4.91	2.13	320	**
MW-24*	May-05	6.97	23.1	3.56	1.48	76	>999
	Sep-05	7.00	25.8	3.83	3.62	5	25
	Dec-05	6.56	25.6	4.46	1.04	183	29
MW-25*	May-05	7.03	23.6	4.00	4.34	141	>999
	Sep-05	7.01	26.2	4.18	5.10	57	30
	Dec-05	6.63	24.7	5.28	1.35	417	0
Average		6.88	24.6	3.56	2.75	153	202
INTERMEDIATE WELLS							
MW-9	Jan-04	6.99	22.6	2.50	1.18	NM	NM
	May-05	7.14	26.1	2.68	7.56	130	296
	Sep-05	7.17	27.1	1.81	6.58	111	4
	Dec-05	6.88	26.6	2.45	2.49	123	33
Average		7.05	25.6	2.36	4.45	121	150

NOTES: Apr 2005. ** = instrument failure
Monitoring well MW-11 not sampled due to detection of floating hydrocarbons in the well.
oC = degrees Celsius. uS = microsiemens (equivalent to umhos). mg/L = milligrams per liter.
mV = millivolts. Ntu = Nephelometric Turbidity Units

TABLE 3
SELECTED VOC CONCENTRATIONS IN MONITORING WELLS
Maryland Square Shopping Center

Well ID	Sample Date	Concentration (in ug/L)		
		perchloroethylene (PCE)	trichloroethene (TCE)	cis-1,2-Dichloroethene
SHALLOW WELLS				
MW-1	Aug 00	2,300	ND	ND
	Oct 00	NS	NS	NS
	Sep 02	2,000	ND	ND
	May 03	870	ND	ND
	Sep 03	2,300	ND	ND
	Nov 03	-	-	-
	Jan 04	1,700	ND	ND
	May 05	3,500	ND	ND
	Sep 05	1,700	ND	ND
	Dec 05	820	ND	ND
MW-2	Oct 00	3,000	18	18
	Sep 02	3,000	13	13
	May 03	1,400	ND	ND
	Sep 03	1,700	ND	ND
	Nov 03	-	-	-
	Jan 04	1,700	ND	ND
	May 05	2,050	17	9.7
	Dec 05	2,900	ND	ND
MW-3	Oct 00	98	ND	ND
	Sep 02	ND	ND	ND
	May 03	7	ND	ND
	Sep 03	12	ND	ND
	Nov 03	-	-	-
	Jan 04	7	ND	ND
	May 05	ND	ND	ND
	Dec 05	ND	ND	ND
MW-4	Oct 00	14	ND	ND
	Sep 02	25	ND	ND
	May 03	24	ND	ND
	Sep 03	100	ND	ND
	Nov 03	-	-	-
	Jan 04	220	ND	ND
	May 05	25	ND	ND
	Dec 05	15	ND	ND
MW-5	Oct 00	100	ND	ND
	Sep 02	110	ND	ND
	May 03	240	ND	ND
	Sep 03	220	ND	ND
	Nov 03	-	-	-
	Jan 04	370	ND	ND
	May 05	146	ND	ND
	Dec 05	93	ND	ND
MW-6	Oct 00	2,200	13	8.1

TABLE 3
SELECTED VOC CONCENTRATIONS IN MONITORING WELLS
Maryland Square Shopping Center

Well ID	Sample Date	Concentration (in ug/L)		
		perchloroethylene (PCE)	trichloroethene (TCE)	cis-1,2-Dichloroethene
MW-6	Sep 02	1,000	41	14
	May 03	710	22	ND
	Sep 03	1,300	ND	ND
	Nov 03	-	-	-
	Jan 04	2,400	ND	ND
	May 05	2,090	13	11
	Sep 05	890	13	23
	Dec 05	530	41	21
MW-7	Sep 02	ND	ND	ND
	May 03	1.7	ND	ND
	Sep 03	2.0	ND	ND
	Nov 03	-	-	-
	Jan 04	11.0	ND	ND
	May 05	ND	ND	ND
	Sep 05	3.3	ND	ND
	Dec 05	1.2	ND	ND
MW-8	Sep 02	5.4	ND	ND
	May 03	3.2	ND	ND
	Sep 03	3.7	ND	ND
	Nov 03	-	-	-
	Jan 04	4.7	ND	ND
	May 05	5.6	5.6	ND
	Dec 05	3.6	ND	ND
MW-10	Sep 02	ND	ND	ND
	May 03	ND	ND	ND
	Sep 03	15.0	ND	ND
	Nov 03	-	-	-
	Jan 04	ND	ND	ND
	May 05	ND	ND	ND
	Sep 05	ND	ND	ND
	Dec 05	ND	ND	ND
MW-11	Sep 02	ND	ND	ND
	May 03	ND	ND	ND
	Sep 03	NS(1)	NS(1)	NS(1)
	Nov 03	NS(1)	NS(1)	NS(1)
	Jan 04	NS(1)	NS(1)	NS(1)
	May 05	NS(1)	NS(1)	NS(1)
	Dec 05	NS(1)	NS(1)	NS(1)
MW-12	Sep 02	ND	ND	ND
	May 03	1.3	ND	ND
	Sep 03	14.0	ND	ND
	Nov 03	-	-	-
	Jan 04	6.1	ND	ND

TABLE 3
SELECTED VOC CONCENTRATIONS IN MONITORING WELLS
Maryland Square Shopping Center

Well ID	Sample Date	Concentration (in ug/L)		
		perchloroethylene (PCE)	trichloroethene (TCE)	cis-1,2-Dichlorethene
MW-12	May 05	ND	ND	ND
	Sep 05	1.1	ND	ND
	Dec 05	1.2	ND	ND
MW-13	May 03	2,100	ND	ND
	Sep 03	2,800	ND	ND
	Nov 03	-	-	-
	Jan 04	2,700	ND	ND
	May 05	5,310	ND	ND
	Sep 05	2,600	ND	ND
	Dec 05	3,400	ND	ND
MW-14	Nov 03	1,900	ND	ND
	Jan 04	2,100	ND	ND
	May 05	2,920	5.5	ND
	Dec 05	3,400	ND	ND
MW-15	Nov 03	5.2	ND	ND
MW-15	Jan 04	2.7	ND	ND
	May 05	ND	ND	ND
	Sep 05	3.6	ND	ND
	Dec 05	5.0	ND	ND
MW-16	Nov 03	ND	ND	ND
	Jan 04	ND	ND	ND
	May 05	ND	ND	ND
	Sep 05	ND	ND	ND
	Dec 05	ND	ND	ND
MW-17	May 05	520	ND	ND
	Dec 05	470	ND	ND
MW-18	May 05	1,600	ND	ND
	Sep 05	1,700	ND	ND
	Dec 05	2,400	ND	ND
MW-19	Nov 03	1,100	ND	ND
	Jan 04	1,200	ND	ND
	May 05	873	ND	ND
	Dec 05	1,300	ND	ND
MW-20	Nov 03	1,800	ND	ND
	Jan 04	290	2.8	ND
	May 05	1,460	ND	ND
	Dec 05	1,800	ND	ND
MW-21	Nov 03	51	ND	ND
	Jan 04	55	ND	ND
	May 05	30	ND	ND
	Sep 05	19	2.4	1.5
	Dec 05	16	1.8	1.3

TABLE 3
SELECTED VOC CONCENTRATIONS IN MONITORING WELLS
Maryland Square Shopping Center

Well ID	Sample Date	Concentration (in ug/L)		
		perchloroethylene (PCE)	trichloroethene (TCE)	cis-1,2-Dichloroethene
MW-22	May 05	ND	ND	ND
	Sep 05	ND	ND	ND
	Dec 05	1.0	ND	ND
MW-23	May 05	1,430	ND	ND
	Dec 05	1,900	ND	ND
MW-24	May 05	ND	ND	ND
	Sep 05	4.3	ND	ND
	Dec 05	6.7	ND	ND
MW-25	May 05	993	ND	ND
	Sep 05	920	ND	ND
	Dec 05	1,000	ND	ND
INTERMEDIATE WELL				
MW-9	Sep 02	670.0	ND	ND
	May 03	59.0	ND	ND
	Sep 03	9.2	ND	ND
	Nov 03	-	-	-
	Jan 04	10	ND	ND
	May 05	353	ND	ND
	Sep 05	64	ND	ND
	Dec 05	190	ND	ND

NOTES: ND = None Detected. NS = Not Sampled. ' - ' cells indicate no data available.
(1) = Monitoring Well MW-11 was not sampled due to detection of floating hydrocarbons in the well.
ug/L = micrograms per liter.
PCE is perchloroethylene (tetrachloroethene). The Maximum Contaminant Level for PCE in drinking water is 5 ug/L.

URS Corporation
Job No. 26698724

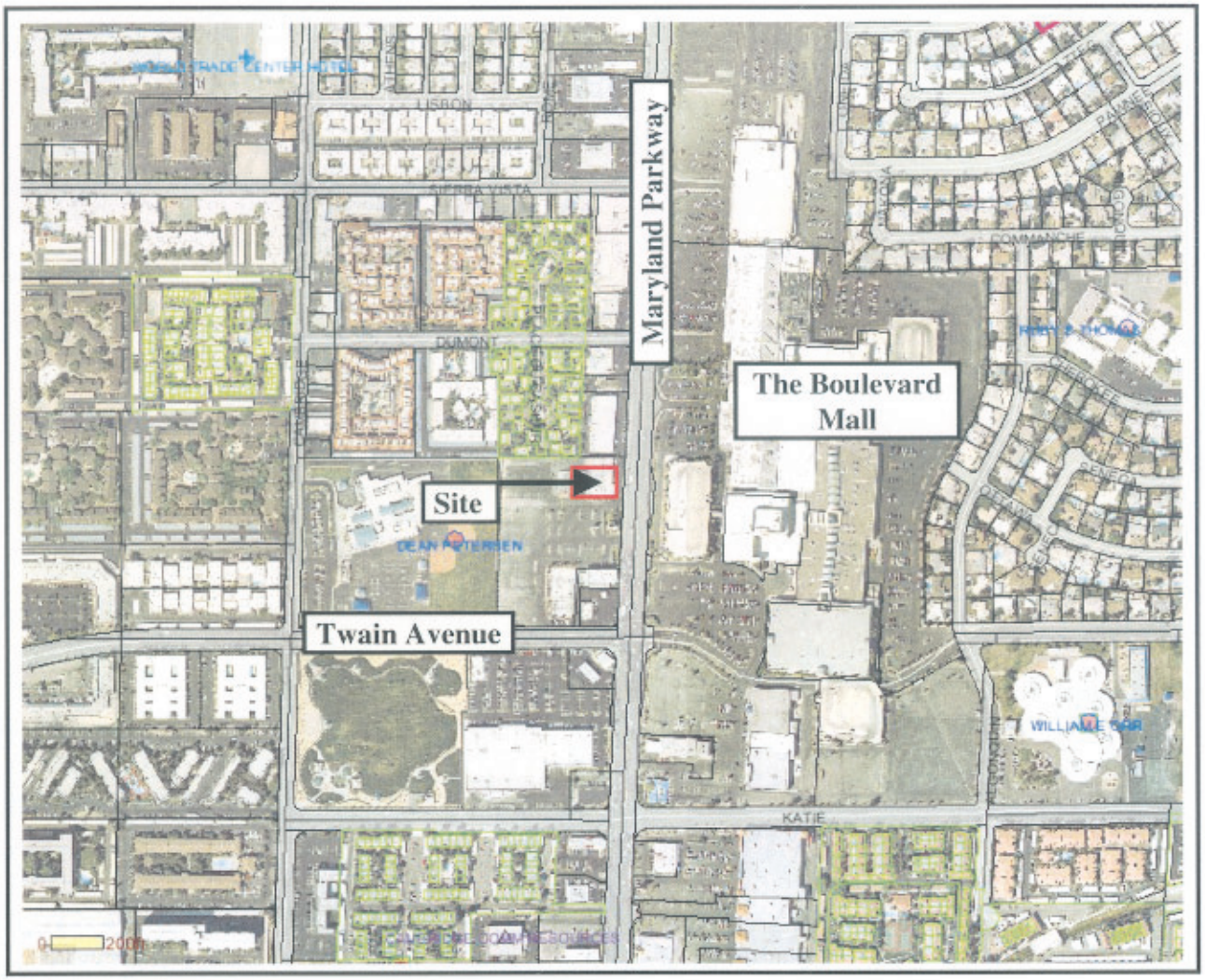
Al Phillips the Cleaner
Maryland Square Shopping Center
3661 S. Maryland Parkway
Las Vegas, NV

TABLE 4
SUMMARY OF OTHER ANALYTICAL DATA
Maryland Square Shopping Center

Well ID	Sample Date	Concentration (in mg/L)						
		Total Iron	Dissolved Manganese	Chloride	Nitrate as N	Sulfate	Total Alkalinity	Total Organic Carbon
SHALLOW WELLS								
MW-1	May 05	ND	ND	180	8.9	1,613	ND	5.1
	Sep 05	3.70	0.057	180	8.8	1,800	230	6.0
	Dec 05	5.00	0.027	200	8.1	1,800	190	1.7
MW-6	May 05	ND	0.040	200	10.5	1,615	ND	6.0
MW-12	May 05	ND	ND	270	23.9	1,618	16	4.8
MW-13	May 05	ND	ND	170	6.9	1,562	ND	1.7
	Sep 05	19.00	0.690	170	6.1	1,700	260	3.6
	Dec 05	7.00	0.110	190	5.9	1,600	220	1.6
MW-18	Sep 05	0.92	0.020	160	5.4	1,800	240	3.3
	Dec 05	3.70	0.015	180	4.7	1,600	200	1.4
MW-19	May 05	ND	ND	170	5.9	1,599	19	2.7
MW-23	May 05	ND	ND	200	7.5	1,596	ND	1.8
MW-25	May 05	ND	ND	180	5.9	1,616	ND	1.7
	Sep 05	1.20	0.020	170	4.5	1,900	300	4.4
	Dec 05	3.00	ND	190	4.5	1,900	230	1.3
Average			0.137	187	8	1688	186	3.1
INTERMEDIATE WELL								
MW-9	May 05	ND	ND	110	5.2	1,094	ND	2.1
Average				110	5.2	1,094		2.1

NOTES: ND is none detected. Empty cells indicate no sampling data available.
mg/L is milligrams per liter.
Total iron and manganese are total dissolved values as the samples were field filtered.
Empty cells indicate no sampling data available.
Shallow wells are approximately 25 ft deep; Intermediate wells are 30-40 ft deep.

FIGURES



Source: Clark County Assessors Web Site
Scale: 200 feet

N

SITE LOCATION MAP

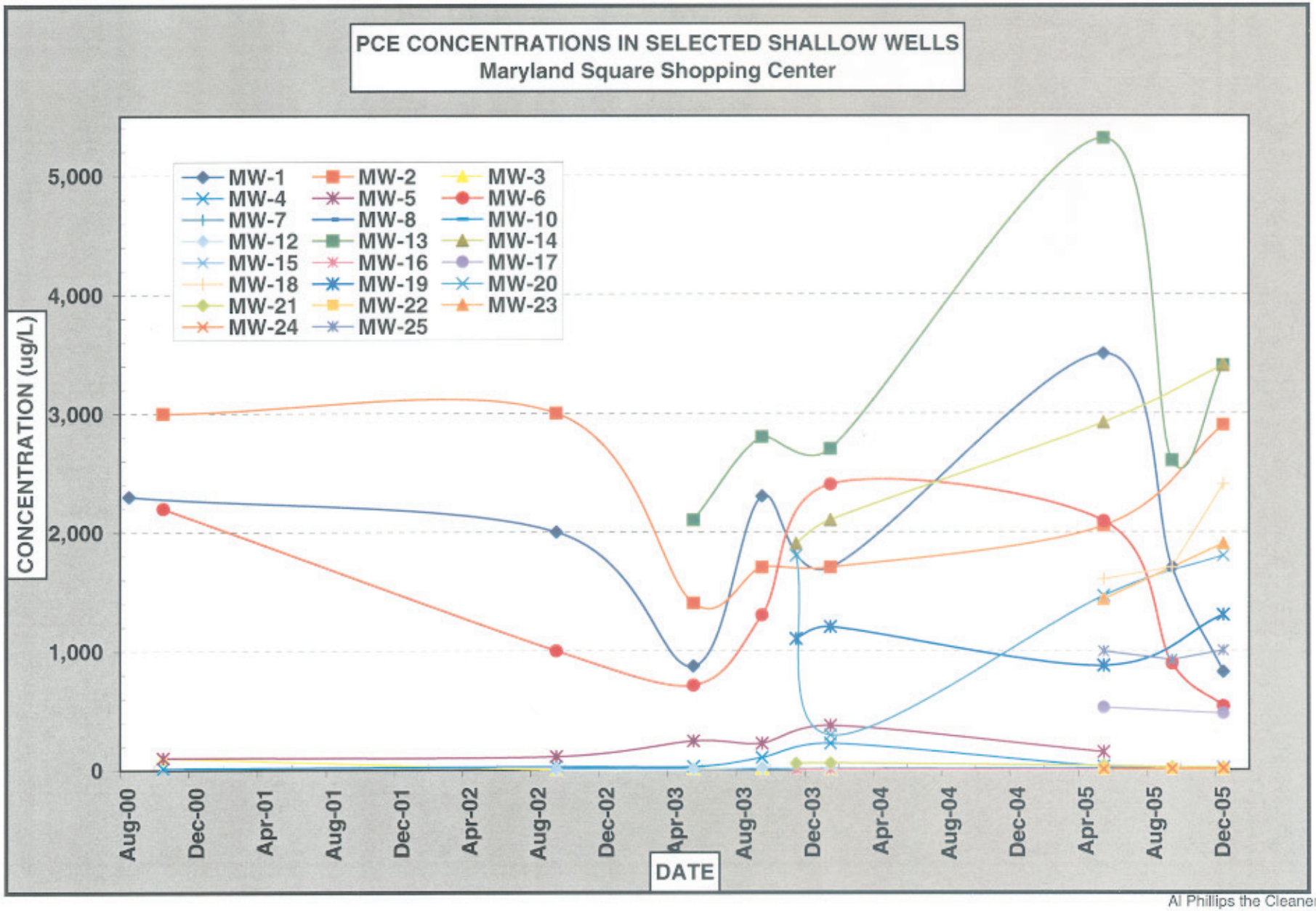
Al Phillips The Cleaner
Quarterly Groundwater Sampling
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

URS

December 2005
Job No. 26698724
MS Dec 05 Fig 1.ppt

FIGURE 1

FIGURE 4A



Al Phillips the Cleaner
Maryland Square Shopping Center
3661 S. Maryland Parkway
Las Vegas, NV

URS Corporation
Job No. 26698724

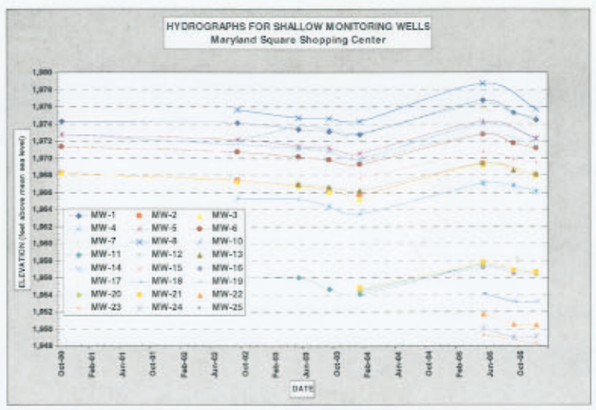
Groundwater Elevations In Shallow Monitoring Wells (December 2005)

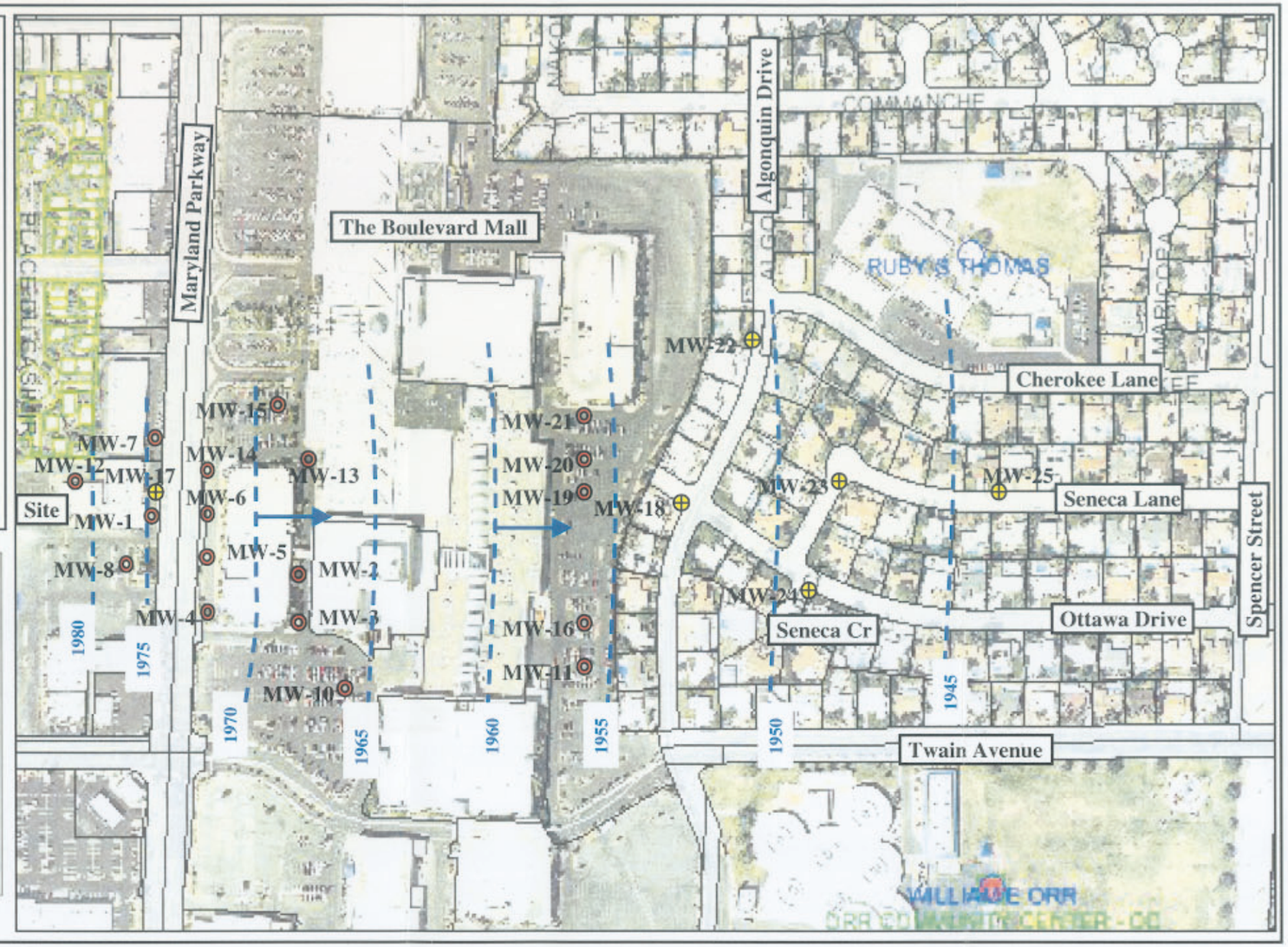
Well	Elevation	Well	Elevation
MW-1	1974.43	MW-14	1971.39
MW-2	1967.97	MW-15	1969.51
MW-3	1967.98	MW-16	1956.42
MW-4	1972.23	MW-17	1973.87
MW-5	1972.38	MW-18	1953.17
MW-6	1971.13	MW-19	1956.61
MW-7	1974.80	MW-20	1956.44
MW-8	1975.75	MW-21	1956.71
MW-10	1966.16	MW-22	1950.46
MW-11	NM	MW-23	1948.27
MW-12	1982.30	MW-24	1949.09
MW-13	1968.15	MW-25	1943.89

Groundwater Elevation in Intermediate Monitoring Well (December 2005)

Well	Elevation
MW-9	1974.58

Elevations are feet above means sea level. NM = Not Measured.





Source: Clark County Assessors Web Site

Scale: 0Feet — 200 Feet

N

Legend:

- Approximate Location of Monitoring Well Installed by URS.
- Approximate Location of Monitoring Well Installed by Converse.
- Groundwater Elevation Contour Line
- Approximate Direction of Groundwater Flow

URS

GROUNDWATER ELEVATION CONTOURS FOR SHALLOW WELLS

Al Phillips The Cleaner
December 2005
Quarterly Groundwater Sampling
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

December 2005
Job No. 26698724
MS Dec 05 Fig3.ppt

FIGURE 3

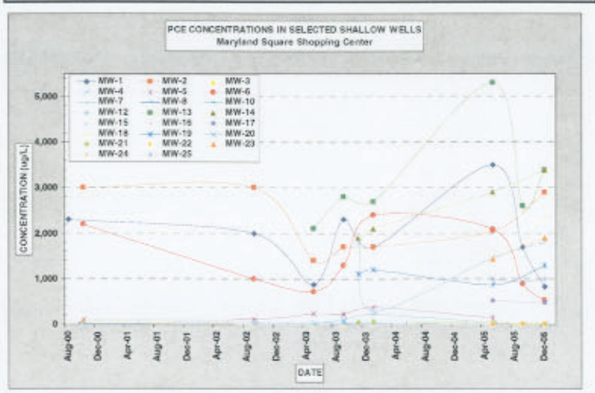
Concentrations of PCE in Shallow Monitoring Wells (December 2005)

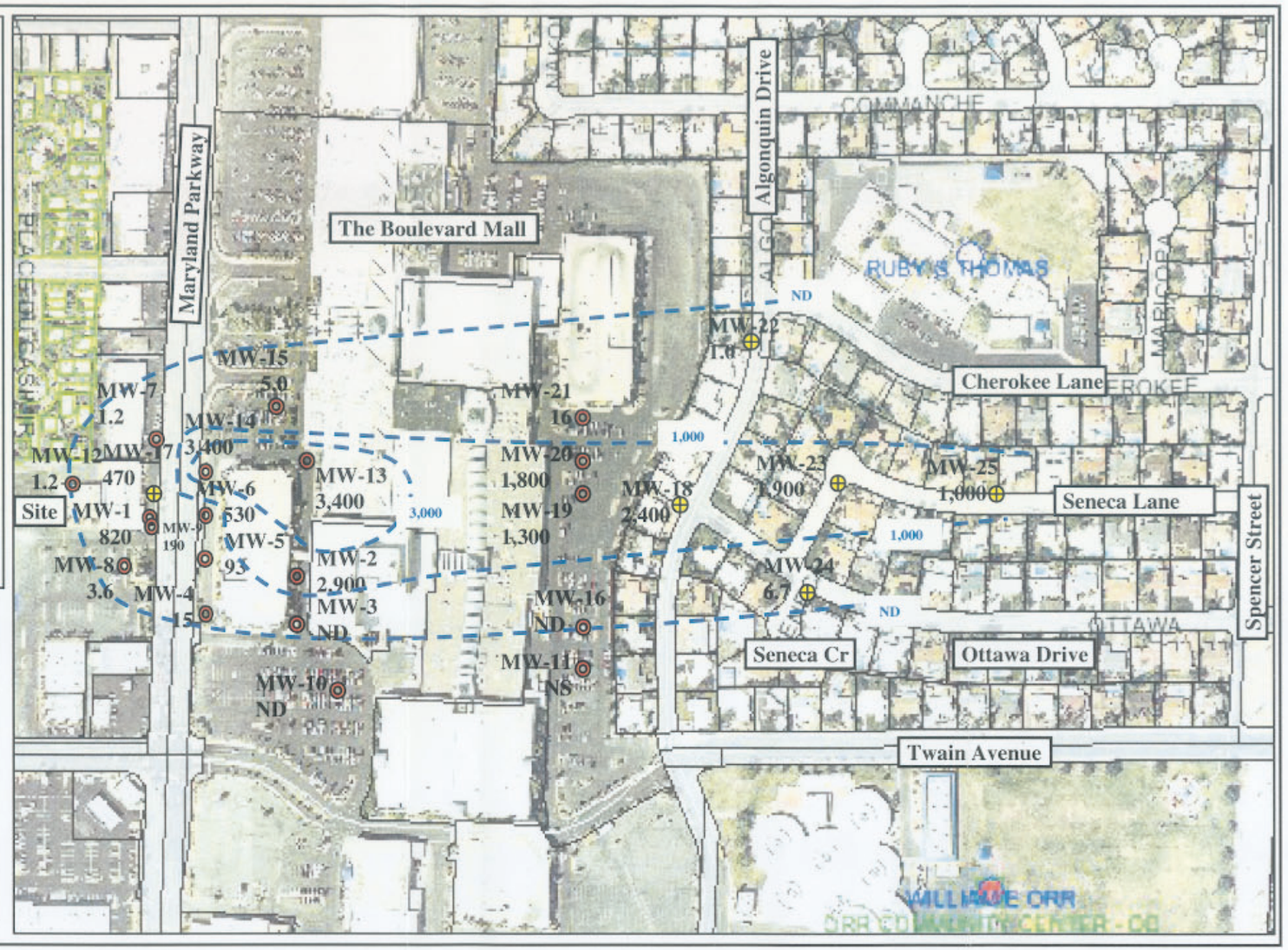
Well	Concentration	Well	Concentration
MW-1	820	MW-14	3,400
MW-2	2,900	MW-15	5.0
MW-3	ND	MW-16	ND
MW-4	15	MW-17	470
MW-5	93	MW-18	2,400
MW-6	530	MW-19	1,300
MW-7	1.2	MW-20	1,800
MW-8	3.6	MW-21	16
MW-10	ND	MW-22	1.0
MW-11	NS	MW-23	1,900
MW-12	1.2	MW-24	6.7
MW-13	3,400	MW-25	1,000

Concentrations of PCE in Intermediate Monitoring Well (December 2005)

Well	Concentration
MW-9	190

Concentrations are in micrograms per liter (ug/L).
Federal MCL for PCE in drinking water is 5 ug/L
ND = none detected, NS = not sampled





Source: Clark County Assessors Web Site
Scale: 0Feet — 200 Feet

N

URS

Legend:

- Approximate Location of Monitoring Well Installed by URS.
- Approximate Location of Monitoring Well Installed by Converse.
- 25 Concentration of PCE Detected in Groundwater Form Monitoring Well (in ug/L)
- Approximate Concentration Contour of PCE in Groundwater

ND is Non-detect, NS is Not Sampled

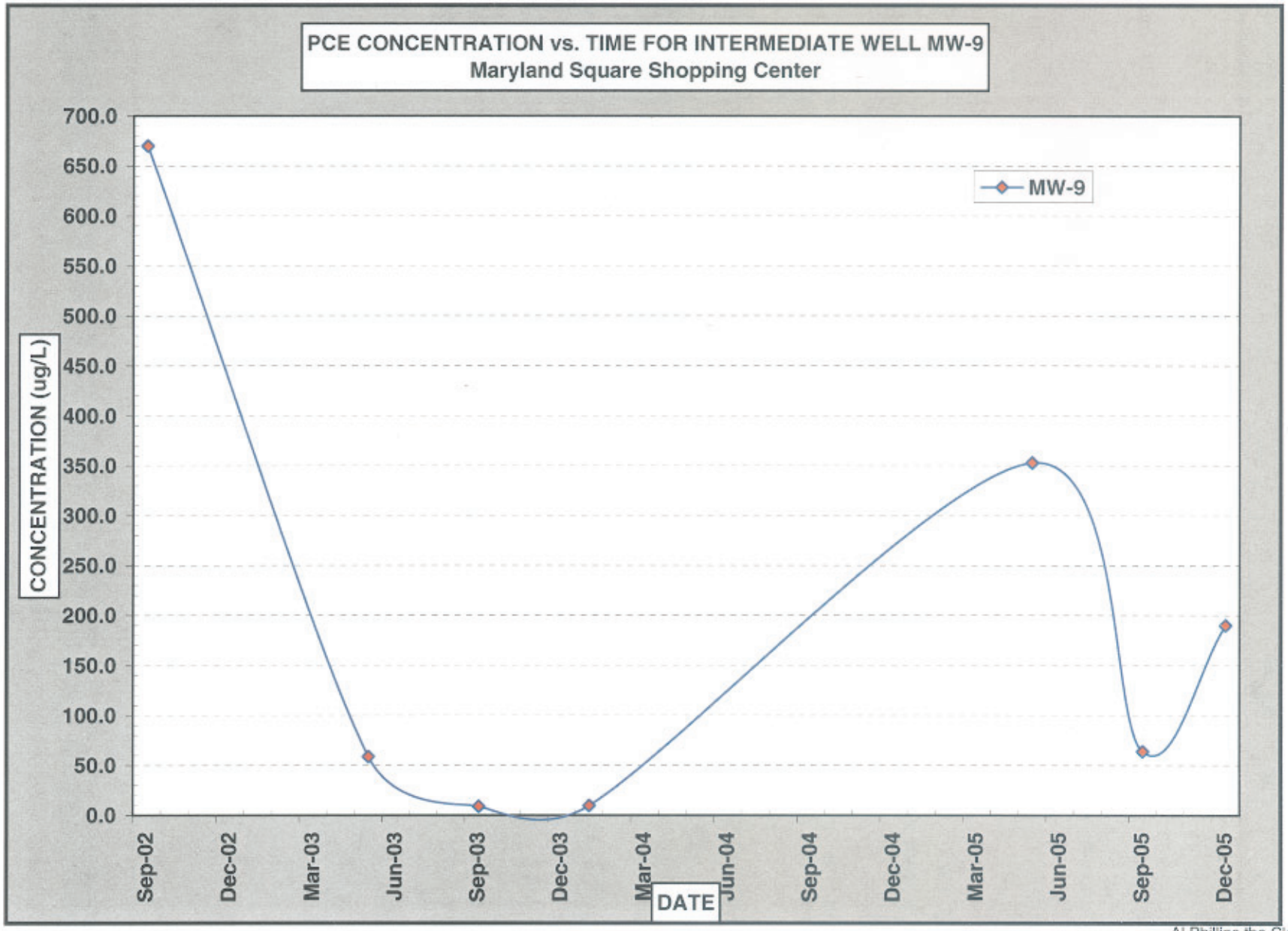
SHALLOW AND INTERMEDIATE WELL PCE CONCENTRATIONS

Al Phillips The Cleaner
December 2005
Quarterly Groundwater Sampling
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

December 2005
Job No. 26698724
MS Dec 05 Fig5.ppt

FIGURE 5

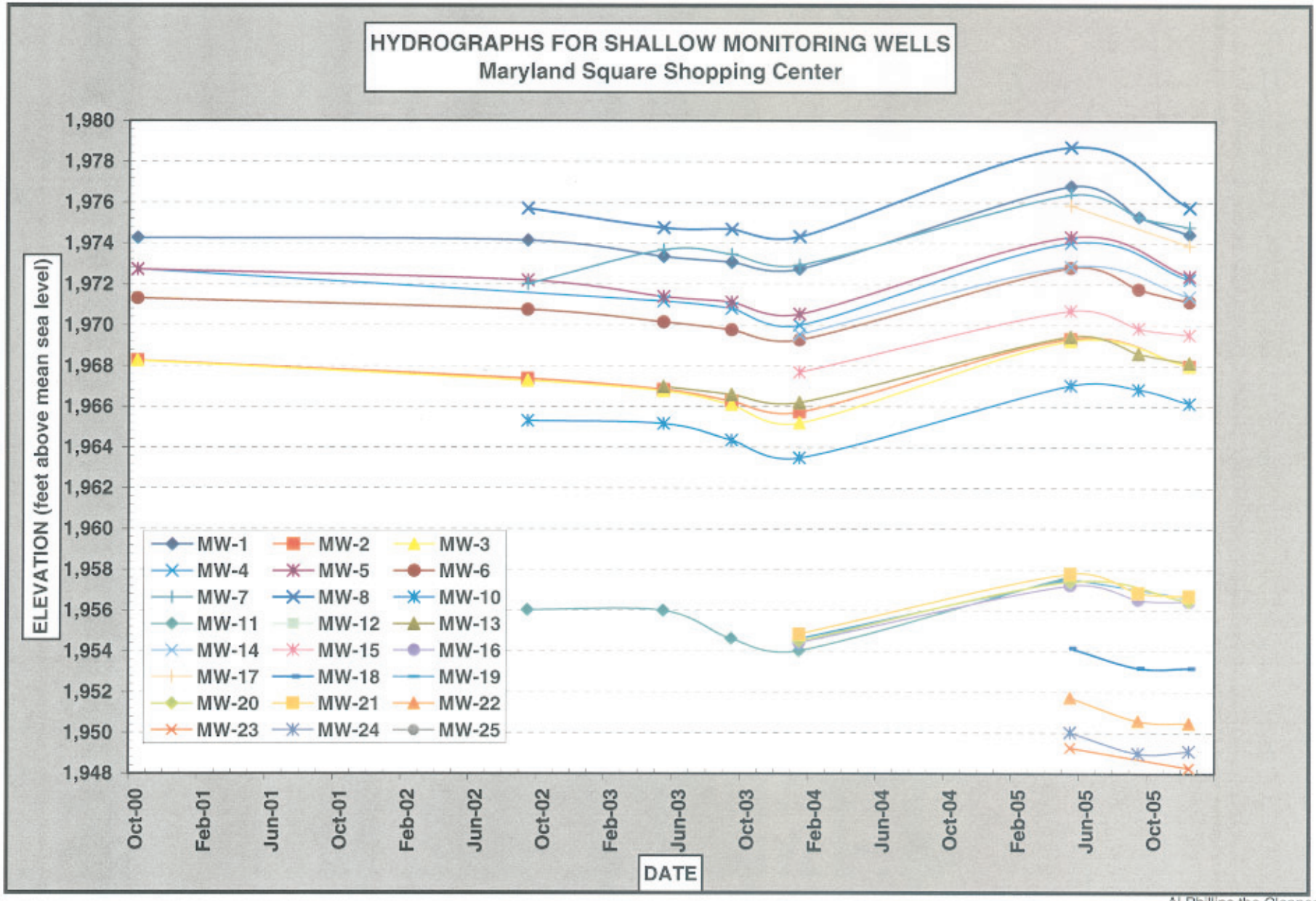
FIGURE 4B



Al Phillips the Cleaner
Maryland Square Shopping Center
3661 S. Maryland Parkway
Las Vegas, NV

URS Corporation
Job No. 26698724

FIGURE 2



URS Corporation
Job No. 26698724

Al Phillips the Cleaner
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, NV

APPENDIX

Laboratory Reports and Chain-of-Custody Forms

Billing Information :

CHAIN-OF-CUSTODY RECORD

NV

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : URS05121550

Report Due By : 5:00 PM On : 21-Dec-05

Client:
URS Corporation
7180 Pollock Drive #200

Las Vegas, NV 89119

Randy S. Kyes
TEL : (702) 951-3379 x
FAX : (702) 837-1600
EMail : kyes_randy@urscorp.com

EDD Required : No

Sampled by : R. S. Kyes

Report Attention : Randy S. Kyes
CC Report :

Job : 26698724
PO :

Client's COC # : 10455

Cooler Temp : 4 °C

Date Printed: 15-Dec-05

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles ORG	SUB	TAT	PWS #	Requested Tests ALKALINITY	ANIONS(A)_W	ANIONS(B)_W	ANIONS(C)_W	METALS_DW	TOC_W	VOC_W		Sample Remarks
URS05121550-01A	MW-22	AQ	12/13/05 10:35	3	0	5								8260_N		
URS05121550-02A	MW-24	AQ	12/13/05 11:05	3	0	5								8260_N		
URS05121550-03A	MW-8	AQ	12/13/05 11:35	3	0	5								8260_N		
URS05121550-04A	MW-12	AQ	12/13/05 12:10	3	0	5								8260_N		
URS05121550-05A	MW-7	AQ	12/13/05 12:45	3	0	5								8260_N		
URS05121550-06A	MW-16	AQ	12/13/05 13:30	3	0	5								8260_N		
URS05121550-07A	MW-9	AQ	12/13/05 14:15	3	0	5								8260_N		
URS05121550-08A	MW-21	AQ	12/14/05 08:15	3	0	5								8260_N		
URS05121550-09A	MW-10	AQ	12/14/05 08:40	3	0	5								8260_N		
URS05121550-10A	MW-15	AQ	12/14/05 08:56	3	0	5								8260_N		

Comments: Security seals intact. Frozen ice. ;

	Signature	Print Name	Company	Date/Time
Logged in by:	Tina Dickinson	Tina Dickinson	Alpha Analytical, Inc.	12/15/05 10:15

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

NV

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : URS05121550

Report Due By : 5:00 PM On : 21-Dec-05

Client:
URS Corporation
7180 Pollock Drive #200

Las Vegas, NV 89119

Randy S. Kyes
TEL : (702) 951-3379 x
FAX : (702) 837-1600
EMail : kyes_randy@urscorp.com

EDD Required : No

Sampled by : R. S. Kyes

Report Attention : Randy S. Kyes
CC Report :

Job : 26698724
PO :

Client's COC # : 10455

Cooler Temp : 4 °C

Date Printed: **15-Dec-05**

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles ORG	SUB	TAT	PWS #	Requested Tests: ALKALINITY	ANIONS(A)_W	ANIONS(B)_W	ANIONS(C)_W	METALS_DW	TOC_W	VOC_W		Sample Remarks
URS05121550-11A	MW-3	AQ	12/14/05 09:25	3	0	5								8260_N		
URS05121550-12A	MW-4	AQ	12/14/05 10:05	3	0	5								8260_N		
URS05121550-13A	MW-5	AQ	12/14/05 10:25	3	0	5								8260_N		
URS05121550-14A	MW-6	AQ	12/14/05 10:40	3	0	5								8260_N		
URS05121550-15A	MW-14	AQ	12/14/05 11:15	3	0	5								8260_N		
URS05121550-16A	MW-17	AQ	12/14/05 12:00	3	0	5								8260_N		
URS05121550-17A	MW-1	AQ	12/14/05 12:15	8	0	5		Alk	NO3, SO4, CL	NO3, SO4, CL	NO3, SO4, CL	Fe, Mn	TOC	8260_N		TOC pH=2

Comments: Security seals intact. Frozen ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Tara Dickinson	Tara Dickinson	Alpha Analytical, Inc.	12/15/05 10:15

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

NV

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : URS05121646

Report Due By : 5:00 PM On : 22-Dec-05

Client:
URS Corporation
7180 Pollock Drive #200

Las Vegas, NV 89119

Randy S. Kyes
TEL : (702) 951-3379 x
FAX : (702) 837-1600
EMail : kyes_randy@urscorp.com

EDD Required : No

Sampled by : RS Kyes

Report Attention : Randy S. Kyes Job : 26698724 Cooler Temp : 4 °C Date Printed:
CC Report : PO : Client's COC # : 10457 **16-Dec-05**

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles ORG	SUB	TAT	PWS #	Requested Tests ALKALINITY	ANIONS(A)_W	ANIONS(B)_W	ANIONS(C)_W	METALS_AQ	TOC_W	VOC_W		Sample Remarks
URS05121646-01A	MW-20	AQ	12/15/05 08:30	3	0	4								8260_N		
URS05121646-02A	MW-19	AQ	12/15/05 08:55	3	0	4								8260_N		
URS05121646-03A	MW-2	AQ	12/15/05 09:25	3	0	4								8260_N		
URS05121646-04A	MW-13	AQ	12/15/05 09:50	7	0	4		Alk	NO3, SO4, CL	NO3, SO4, CL	NO3, SO4, CL	Fe, Mn	TOC	8260_N		TOC ph=2
URS05121646-05A	MW-25	AQ	12/15/05 10:20	7	0	4		Alk	NO3, SO4, CL	NO3, SO4, CL	NO3, SO4, CL	Fe, Mn	TOC	8260_N		TOC ph=2
URS05121646-06A	MW-23	AQ	12/15/05 10:55	3	0	4								8260_N		
URS05121646-07A	MW-18	AQ	12/15/05 12:30	7	0	4		Alk	NO3, SO4, CL	NO3, SO4, CL	NO3, SO4, CL	Fe, Mn	TOC	8260_N		TOC ph=2

Comments: Security seals intact. Frozen ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Patricia Edrosa	Patricia Edrosa	Alpha Analytical, Inc.	12/16/05 14:17

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:
Name URS Corp
Address 7180 Pollock Drive, Ste 200
City, State, Zip Las Vegas, NV 89119
Phone Number 702-837-1500 Fax 702-837-1600

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State?
AZ ___ CA ___ NV X WA ___
ID ___ OR ___ OTHER ___ Page # ___ of ___

10455

Client Name
P.O. #
Job # 26698724
Address same
EMail Address randy-kyes@urscorp.com
City, State, Zip
Phone # 702-951-3379
Fax # 702-837-1600
Sampled by RS Kyes
Report Attention Randy S. Kyes

Required QC Level? I II III IV
EDD / EDF? YES ___ NO ___
Global ID # ___

Analyses Required

Time Sampled	Date Sampled	Matrix* See Key Below	Office Use Only / Lab ID Number	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260 VOC	415.1 TOC	200.8 Fe/Mn	300.0 N/S/Cl	310.1 ALK				REMARKS
1035	12/13	AQ	URS05121550-01	MW-22	N	N	3 Voa	X								
1105	12/13		-02	MW-24			3 Voa	X								
1135	12/13		-03	MW-8			3 Voa	X								
1210	12/13		-04	MW-12			3 Voa	X								
1245	12/13		-05	MW-7			3 Voa	X								
1330	12/13		-06	MW-16			3 Voa	X								
1415	12/13		-07	MW-9			3 Voa	X								
0815	12/14		-08	MW-21			3 Voa	X								
0840	12/14		-09	MW-10			3 Voa	X								
0856	12/14		-10	MW-15			3 Voa	X								
0925	12/14		-11	MW-3			3 Voa	X								
1005	12/14		-12	MW-4			3 Voa	X								
1025	12/14		-13	MW-5			3 Voa	X								

ADDITIONAL INSTRUCTIONS:
Standard turn around

	Signature	Print Name	Company	Date	Time
Relinquished by	[signature]	Randy S. Kyes	URS Corp.	12-14-05	12:55
Received by	[signature]	V. SMITH	Alpha	12-14-05	12:55
Relinquished by	[signature]	V. SMITH	Alpha	12-14-05	4:30
Received by	Tara Dickinson	Tara Dickinson	Alpha	12/15/05	10:15
Relinquished by					
Received by					

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

Billing Information:
Name URS Corporation
Address 7180 Pollock Drive Suite 200
City, State, Zip Las Vegas, NV 89119
Phone Number 702-837-1500 Fax 702-837-1600

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State?
AZ ___ CA ___ NV ✓ WA ___
ID ___ OR ___ OTHER ___ Page # ___ of ___

Client Name
Address Same
City, State, Zip

P.O. # Maryland Square
Job # 26668724
EMail Address randy_kyes@uiscorp.com
Phone # 702-837-1500
Fax # 702-837-1600

Report Attention Randy S. Kyes

Sampled by RS Kyes

Analyses Required

10458

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

Time Sampled	Date Sampled	Matrix* See Key Below	Office Use Only Lab ID Number	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260 VOC	415.1 TOC	200.8 Fe/Mn	300.0 NO3/Cl	310.1 ALK				REMARKS
1040	12/14	AQ	-14	MW-6	N	N	3V09	X								
1115	12/14		-15	MW-14			3V09	X								
1200	12/14		-16	MW-17			3V09	X								
1215	12/14		-17	MW-1			3V09	X								
							1glass		X							
							1P			X						
							1P				X					
							1P				X	X				

ADDITIONAL INSTRUCTIONS:
Standard

	Signature	Print Name	Company	Date	Time
Relinquished by	[signature]	Randy S. Kyes	URS Corp	12-14-05	12:55
Received by	[signature]	U. SMITH	Alpha	12-14-05	12:55
Relinquished by	[signature]	U. SMITH	Alpha	12-14-05	4:30
Received by	Tara Dickinson	Tara Dickinson	Alpha	12/15/05	10:15
Relinquished by					
Received by					

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

Billing Information:
Name URS Corp
Address 7180 Pollock Dr. Suite 200
City, State, Zip LV, NV 89119
Phone Number 702-837-1500 Fax 702-837-1600

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State?
AZ ___ CA ___ NV X WA ___
ID ___ OR ___ OTHER ___

Page # 1 of 2

10457

Client Name
Address "Same"
City, State, Zip

P.O. # M. Square
Job # 26698724
EMail Address randy.kyes@urscorp.com
Phone # 702-957-3379
Fax # 702-837-1600
Report Attention Randy S. Kyes

Required QC Level? I II III IV
EDD / EDF? YES ___ NO ___
Global ID # ___

Sampled by RS Kyes

Time Sampled	Date Sampled	Matrix* See Key Below	Office Use Only Lab ID Number	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260B VOC	415.1 TOC	200.8 Fe/Mn	300.0 NO3/Cl	310.1 ALK				REMARKS
0830	12/15	AQ	URS051216046-01	MW-20	N	N	3VOA	X								
0855	12/15		-02	MW-19			3VOA	X								
0925	12/15		-03	MW-2			3VOA	X								
0950	12/15		-04	MW-13			3VOA	X								
							1 glass		X							
							1P			X						
							1P				X					
							1P				X	X				
1020	12/15		-05	MW-25			3VOA	X								
							1 glass		X							
							1P			X						
							1P				X					
							1P				X	X				

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by	[signature]	Randy S. Kyes	URS Corp	12-15-05	2:34
Received by	[signature]	U. SMITH	Alpha	12-15-05	2:34
Relinquished by	[signature]	U. SMITH	Alpha	12-15-05	4:30
Received by	Patricia Eduosa	Patricia Eduosa	Alpha	12/16/05	14:17
Relinquished by					
Received by					

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

Billing Information:
Name URS Corp
Address 7160 Pollock Dr. Ste 200
City, State, Zip LV, NV 89119
Phone Number 702-837-1500 Fax 702-837-1600

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State?
AZ ___ CA ___ NV X WA ___
ID ___ OR ___ OTHER ___

Page # 2 of 2

10461

Client Name: P.O. #: N Square
Job #: 266898724
Address: same
EMail Address: randy-kyes@urscorp.com
City, State, Zip
Phone #: 702-837-1500
Fax #: 702-837-1600
Sampled by: RSK
Report Attention: Randy S. Kyes

Required QC Level? I II III IV
EDD / EDF? YES ___ NO ___
Global ID # ___

Time Sampled	Date Sampled	Matrix* See Key Below	Office Use Only Lab ID Number	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260B VOC	418.1 TPC	300.0 F/Br	300.0 Nitrate	310.1 Alk				REMARKS
	12/15	AQ	-06	MW-23	N	Y	3V09	X								
1230	12/15		-07	MW-18			3V01	X								
							1 glass		X							
							1P			X						
							1P				X					
							1P				X	X				

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by	[signature]	Randy S. Kyes	URS Corp	12-15-05	2:34
Received by	[signature]	V. SMITH	Alpha	12-15-05	2:34
Relinquished by	[signature]	V. SMITH	Alpha	12-15-05	4:30
Received by	Patricia Edrosa	Patricia Edrosa	Alpha	12/16/05	14:17
Relinquished by					
Received by					

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-17A
Client I.D. Number: MW-1

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	10	µg/L
2	Chloromethane	ND	20	µg/L
3	Vinyl chloride	ND	10	µg/L
4	Chloroethane	ND	10	µg/L
5	Bromomethane	ND	40	µg/L
6	Trichlorofluoromethane	ND	10	µg/L
7	1,1-Dichloroethene	ND	10	µg/L
8	Dichloromethane	ND	40	µg/L
9	trans-1,2-Dichloroethene	ND	10	µg/L
10	1,1-Dichloroethane	ND	10	µg/L
11	cis-1,2-Dichloroethene	ND	10	µg/L
12	Bromochloromethane	ND	10	µg/L
13	Chloroform	ND	10	µg/L
14	2,2-Dichloropropane	ND	10	µg/L
15	1,2-Dichloroethane	ND	10	µg/L
16	1,1,1-Trichloroethane	ND	10	µg/L
17	1,1-Dichloropropene	ND	10	µg/L
18	Carbon tetrachloride	ND	10	µg/L
19	Benzene	ND	5.0	µg/L
20	Dibromomethane	ND	10	µg/L
21	1,2-Dichloropropane	ND	10	µg/L
22	Trichloroethene	ND	10	µg/L
23	Bromodichloromethane	ND	10	µg/L
24	cis-1,3-Dichloropropene	ND	10	µg/L
25	trans-1,3-Dichloropropene	ND	10	µg/L
26	1,1,2-Trichloroethane	ND	10	µg/L
27	Toluene	ND	5.0	µg/L
28	1,3-Dichloropropane	ND	10	µg/L
29	Dibromochloromethane	ND	10	µg/L
30	1,2-Dibromoethane (EDB)	ND	40	µg/L
31	Tetrachloroethene	820	10	µg/L
32	1,1,1,2-Tetrachloroethane	ND	10	µg/L
33	Chlorobenzene	ND	10	µg/L
34	Ethylbenzene	ND	5.0	µg/L
35	m,p-Xylene	ND	5.0	µg/L
36	Bromoform	ND	10	µg/L
37	Styrene	ND	10	µg/L
38	o-Xylene	ND	5.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	10	µg/L
40	1,2,3-Trichloropropane	ND	40	µg/L
41	Isopropylbenzene	ND	10	µg/L
42	Bromobenzene	ND	10	µg/L
43	n-Propylbenzene	ND	10	µg/L
44	4-Chlorotoluene	ND	10	µg/L
45	2-Chlorotoluene	ND	10	µg/L
46	1,3,5-Trimethylbenzene	ND	10	µg/L
47	tert-Butylbenzene	ND	10	µg/L
48	1,2,4-Trimethylbenzene	ND	10	µg/L
49	sec-Butylbenzene	ND	10	µg/L
50	1,3-Dichlorobenzene	ND	10	µg/L
51	1,4-Dichlorobenzene	ND	10	µg/L
52	4-Isopropyltoluene	ND	10	µg/L
53	1,2-Dichlorobenzene	ND	10	µg/L
54	n-Butylbenzene	ND	10	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	60	µg/L
56	1,2,4-Trichlorobenzene	ND	40	µg/L
57	Naphthalene	ND	40	µg/L
58	Hexachlorobutadiene	ND	40	µg/L
59	1,2,3-Trichlorobenzene	ND	40	µg/L
60	Surr: 1,2-Dichloroethane-d4	99		%REC
61	Surr: Toluene-d8	103		%REC
62	Surr: 4-Bromofluorobenzene	100		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hineluman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hineluman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

12/21/05
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121646-03A
Client I.D. Number: MW-2

Sampled: 12/15/05
Received: 12/16/05
Analyzed: 12/19/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	30	µg/L
2	Chloromethane	ND	60	µg/L
3	Vinyl chloride	ND	30	µg/L
4	Chloroethane	ND	30	µg/L
5	Bromomethane	ND	120	µg/L
6	Trichlorofluoromethane	ND	30	µg/L
7	1,1-Dichloroethene	ND	30	µg/L
8	Dichloromethane	ND	120	µg/L
9	trans-1,2-Dichloroethene	ND	30	µg/L
10	1,1-Dichloroethane	ND	30	µg/L
11	cis-1,2-Dichloroethene	ND	30	µg/L
12	Bromochloromethane	ND	30	µg/L
13	Chloroform	ND	30	µg/L
14	2,2-Dichloropropane	ND	30	µg/L
15	1,2-Dichloroethane	ND	30	µg/L
16	1,1,1-Trichloroethane	ND	30	µg/L
17	1,1-Dichloropropene	ND	30	µg/L
18	Carbon tetrachloride	ND	30	µg/L
19	Benzene	ND	15	µg/L
20	Dibromomethane	ND	30	µg/L
21	1,2-Dichloropropane	ND	30	µg/L
22	Trichloroethene	ND	30	µg/L
23	Bromodichloromethane	ND	30	µg/L
24	cis-1,3-Dichloropropene	ND	30	µg/L
25	trans-1,3-Dichloropropene	ND	30	µg/L
26	1,1,2-Trichloroethane	ND	30	µg/L
27	Toluene	ND	15	µg/L
28	1,3-Dichloropropane	ND	30	µg/L
29	Dibromochloromethane	ND	30	µg/L
30	1,2-Dibromoethane (EDB)	ND	120	µg/L
31	Tetrachloroethene	2,900	30	µg/L
32	1,1,1,2-Tetrachloroethane	ND	30	µg/L
33	Chlorobenzene	ND	30	µg/L
34	Ethylbenzene	ND	15	µg/L
35	m,p-Xylene	ND	15	µg/L
36	Bromoform	ND	30	µg/L
37	Styrene	ND	30	µg/L
38	o-Xylene	ND	15	µg/L
39	1,1,2,2-Tetrachloroethane	ND	30	µg/L
40	1,2,3-Trichloropropane	ND	120	µg/L
41	Isopropylbenzene	ND	30	µg/L
42	Bromobenzene	ND	30	µg/L
43	n-Propylbenzene	ND	30	µg/L
44	4-Chlorotoluene	ND	30	µg/L
45	2-Chlorotoluene	ND	30	µg/L
46	1,3,5-Trimethylbenzene	ND	30	µg/L
47	tert-Butylbenzene	ND	30	µg/L
48	1,2,4-Trimethylbenzene	ND	30	µg/L
49	sec-Butylbenzene	ND	30	µg/L
50	1,3-Dichlorobenzene	ND	30	µg/L
51	1,4-Dichlorobenzene	ND	30	µg/L
52	4-Isopropyltoluene	ND	30	µg/L
53	1,2-Dichlorobenzene	ND	30	µg/L
54	n-Butylbenzene	ND	30	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	180	µg/L
56	1,2,4-Trichlorobenzene	ND	120	µg/L
57	Naphthalene	ND	120	µg/L
58	Hexachlorobutadiene	ND	120	µg/L
59	1,2,3-Trichlorobenzene	ND	120	µg/L
60	Surr: 1,2-Dichloroethane-d4	101		%REC
61	Surr: Toluene-d8	105		%REC
62	Surr: 4-Bromofluorobenzene	106		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

12/22/05
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-11A
Client I.D. Number: MW-3

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	3.1	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	ND	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	105		%REC
61	Surr: Toluene-d8	99		%REC
62	Surr: 4-Bromofluorobenzene	100		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

12/21/05
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-12A
Client I.D. Number: MW-4

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	2.4	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	15	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	104		%REC
61	Surr: Toluene-d8	100		%REC
62	Surr: 4-Bromofluorobenzene	101		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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Report Date

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-13A
Client I.D. Number: MW-5

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit			Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L	36	Bromoform	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L	37	Styrene	ND	1.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L	38	o-Xylene	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L	39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
5	Bromomethane	ND	4.0	µg/L	40	1,2,3-Trichloropropane	ND	4.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L	41	Isopropylbenzene	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L	42	Bromobenzene	ND	1.0	µg/L
8	Dichloromethane	ND	4.0	µg/L	43	n-Propylbenzene	ND	1.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L	44	4-Chlorotoluene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L	45	2-Chlorotoluene	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L	46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L	47	tert-Butylbenzene	ND	1.0	µg/L
13	Chloroform	4.0	1.0	µg/L	48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L	49	sec-Butylbenzene	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L	50	1,3-Dichlorobenzene	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L	51	1,4-Dichlorobenzene	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L	52	4-Isopropyltoluene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L	53	1,2-Dichlorobenzene	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L	54	n-Butylbenzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L	55	1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L	56	1,2,4-Trichlorobenzene	ND	4.0	µg/L
22	Trichloroethene	ND	1.0	µg/L	57	Naphthalene	ND	4.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L	58	Hexachlorobutadiene	ND	4.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L	59	1,2,3-Trichlorobenzene	ND	4.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L	60	Surr: 1,2-Dichloroethane-d4	104		%REC
26	1,1,2-Trichloroethane	ND	1.0	µg/L	61	Surr: Toluene-d8	101		%REC
27	Toluene	ND	1.0	µg/L	62	Surr: 4-Bromofluorobenzene	99		%REC
28	1,3-Dichloropropane	ND	1.0	µg/L					
29	Dibromochloromethane	ND	1.0	µg/L					
30	1,2-Dibromoethane (EDB)	ND	4.0	µg/L					
31	Tetrachloroethene	93	1.0	µg/L					
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L					
33	Chlorobenzene	ND	1.0	µg/L					
34	Ethylbenzene	ND	1.0	µg/L					
35	m,p-Xylene	ND	1.0	µg/L					

Some Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

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12/21/05
Report Date

Alpha Analytical, Inc.

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-14A
Client I.D. Number: MW-6

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	5.0	µg/L
2	Chloromethane	ND	10	µg/L
3	Vinyl chloride	43	5.0	µg/L
4	Chloroethane	ND	5.0	µg/L
5	Bromomethane	ND	20	µg/L
6	Trichlorofluoromethane	ND	5.0	µg/L
7	1,1-Dichloroethene	ND	5.0	µg/L
8	Dichloromethane	ND	20	µg/L
9	trans-1,2-Dichloroethene	ND	5.0	µg/L
10	1,1-Dichloroethane	ND	5.0	µg/L
11	cis-1,2-Dichloroethene	21	5.0	µg/L
12	Bromochloromethane	ND	5.0	µg/L
13	Chloroform	ND	5.0	µg/L
14	2,2-Dichloropropane	ND	5.0	µg/L
15	1,2-Dichloroethane	ND	5.0	µg/L
16	1,1,1-Trichloroethane	ND	5.0	µg/L
17	1,1-Dichloropropene	ND	5.0	µg/L
18	Carbon tetrachloride	ND	5.0	µg/L
19	Benzene	ND	2.5	µg/L
20	Dibromomethane	ND	5.0	µg/L
21	1,2-Dichloropropane	ND	5.0	µg/L
22	Trichloroethene	41	5.0	µg/L
23	Bromodichloromethane	ND	5.0	µg/L
24	cis-1,3-Dichloropropene	ND	5.0	µg/L
25	trans-1,3-Dichloropropene	ND	5.0	µg/L
26	1,1,2-Trichloroethane	ND	5.0	µg/L
27	Toluene	ND	2.5	µg/L
28	1,3-Dichloropropane	ND	5.0	µg/L
29	Dibromochloromethane	ND	5.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	20	µg/L
31	Tetrachloroethene	530	5.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	5.0	µg/L
33	Chlorobenzene	ND	5.0	µg/L
34	Ethylbenzene	ND	2.5	µg/L
35	m,p-Xylene	ND	2.5	µg/L
36	Bromoform	ND	5.0	µg/L
37	Styrene	ND	5.0	µg/L
38	o-Xylene	ND	2.5	µg/L
39	1,1,2,2-Tetrachloroethane	ND	5.0	µg/L
40	1,2,3-Trichloropropane	ND	20	µg/L
41	Isopropylbenzene	ND	5.0	µg/L
42	Bromobenzene	ND	5.0	µg/L
43	n-Propylbenzene	ND	5.0	µg/L
44	4-Chlorotoluene	ND	5.0	µg/L
45	2-Chlorotoluene	ND	5.0	µg/L
46	1,3,5-Trimethylbenzene	ND	5.0	µg/L
47	tert-Butylbenzene	ND	5.0	µg/L
48	1,2,4-Trimethylbenzene	ND	5.0	µg/L
49	sec-Butylbenzene	ND	5.0	µg/L
50	1,3-Dichlorobenzene	ND	5.0	µg/L
51	1,4-Dichlorobenzene	ND	5.0	µg/L
52	4-Isopropyltoluene	ND	5.0	µg/L
53	1,2-Dichlorobenzene	ND	5.0	µg/L
54	n-Butylbenzene	ND	5.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	30	µg/L
56	1,2,4-Trichlorobenzene	ND	20	µg/L
57	Naphthalene	ND	20	µg/L
58	Hexachlorobutadiene	ND	20	µg/L
59	1,2,3-Trichlorobenzene	ND	20	µg/L
60	Surr: 1,2-Dichloroethane-d4	103		%REC
61	Surr: Toluene-d8	100		%REC
62	Surr: 4-Bromofluorobenzene	101		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-05A
Client I.D. Number: MW-7

Sampled: 12/13/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	1.7	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	1.2	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	102		%REC
61	Surr: Toluene-d8	99		%REC
62	Surr: 4-Bromofluorobenzene	99		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-03A
Client I.D. Number: MW-8

Sampled: 12/13/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit			Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L	36	Bromoform	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L	37	Styrene	ND	1.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L	38	o-Xylene	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L	39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L	40	1,2,3-Trichloropropane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L	41	Isopropylbenzene	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L	42	Bromobenzene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L	43	n-Propylbenzene	ND	1.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L	44	4-Chlorotoluene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L	45	2-Chlorotoluene	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L	46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L	47	tert-Butylbenzene	ND	1.0	µg/L
13	Chloroform	3.6	1.0	µg/L	48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L	49	sec-Butylbenzene	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L	50	1,3-Dichlorobenzene	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L	51	1,4-Dichlorobenzene	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L	52	4-Isopropyltoluene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L	53	1,2-Dichlorobenzene	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L	54	n-Butylbenzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L	55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L	56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
22	Trichloroethene	ND	1.0	µg/L	57	Naphthalene	ND	2.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L	58	Hexachlorobutadiene	ND	2.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L	59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L	60	Surr: 1,2-Dichloroethane-d4	99		%REC
26	1,1,2-Trichloroethane	ND	1.0	µg/L	61	Surr: Toluene-d8	100		%REC
27	Toluene	ND	1.0	µg/L	62	Surr: 4-Bromofluorobenzene	95		%REC
28	1,3-Dichloropropane	ND	1.0	µg/L					
29	Dibromochloromethane	ND	1.0	µg/L					
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L					
31	Tetrachloroethene	3.6	1.0	µg/L					
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L					
33	Chlorobenzene	ND	1.0	µg/L					
34	Ethylbenzene	ND	1.0	µg/L					
35	m,p-Xylene	ND	1.0	µg/L					

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

12/21/05
Report Date

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-07A
Client I.D. Number: MW-9

Sampled: 12/13/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	2.0	µg/L
2	Chloromethane	ND	4.0	µg/L
3	Vinyl chloride	ND	2.0	µg/L
4	Chloroethane	ND	2.0	µg/L
5	Bromomethane	ND	8.0	µg/L
6	Trichlorofluoromethane	ND	2.0	µg/L
7	1,1-Dichloroethene	ND	2.0	µg/L
8	Dichloromethane	ND	8.0	µg/L
9	trans-1,2-Dichloroethene	ND	2.0	µg/L
10	1,1-Dichloroethane	ND	2.0	µg/L
11	cis-1,2-Dichloroethene	ND	2.0	µg/L
12	Bromochloromethane	ND	2.0	µg/L
13	Chloroform	2.1	2.0	µg/L
14	2,2-Dichloropropane	ND	2.0	µg/L
15	1,2-Dichloroethane	ND	2.0	µg/L
16	1,1,1-Trichloroethane	ND	2.0	µg/L
17	1,1-Dichloropropene	ND	2.0	µg/L
18	Carbon tetrachloride	ND	2.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	2.0	µg/L
21	1,2-Dichloropropane	ND	2.0	µg/L
22	Trichloroethene	ND	2.0	µg/L
23	Bromodichloromethane	ND	2.0	µg/L
24	cis-1,3-Dichloropropene	ND	2.0	µg/L
25	trans-1,3-Dichloropropene	ND	2.0	µg/L
26	1,1,2-Trichloroethane	ND	2.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	2.0	µg/L
29	Dibromochloromethane	ND	2.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	8.0	µg/L
31	Tetrachloroethene	190	2.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
33	Chlorobenzene	ND	2.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	2.0	µg/L
37	Styrene	ND	2.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
40	1,2,3-Trichloropropane	ND	8.0	µg/L
41	Isopropylbenzene	ND	2.0	µg/L
42	Bromobenzene	ND	2.0	µg/L
43	n-Propylbenzene	ND	2.0	µg/L
44	4-Chlorotoluene	ND	2.0	µg/L
45	2-Chlorotoluene	ND	2.0	µg/L
46	1,3,5-Trimethylbenzene	ND	2.0	µg/L
47	tert-Butylbenzene	ND	2.0	µg/L
48	1,2,4-Trimethylbenzene	ND	2.0	µg/L
49	sec-Butylbenzene	ND	2.0	µg/L
50	1,3-Dichlorobenzene	ND	2.0	µg/L
51	1,4-Dichlorobenzene	ND	2.0	µg/L
52	4-Isopropyltoluene	ND	2.0	µg/L
53	1,2-Dichlorobenzene	ND	2.0	µg/L
54	n-Butylbenzene	ND	2.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	12	µg/L
56	1,2,4-Trichlorobenzene	ND	8.0	µg/L
57	Naphthalene	ND	8.0	µg/L
58	Hexachlorobutadiene	ND	8.0	µg/L
59	1,2,3-Trichlorobenzene	ND	8.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	101		%REC
61	Surr: Toluene-d8	98		%REC
62	Surr: 4-Bromofluorobenzene	101		%REC

Some Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-09A
Client I.D. Number: MW-10

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	2.0	µg/L
2	Chloromethane	ND	4.0	µg/L
3	Vinyl chloride	ND	2.0	µg/L
4	Chloroethane	ND	2.0	µg/L
5	Bromomethane	ND	8.0	µg/L
6	Trichlorofluoromethane	ND	2.0	µg/L
7	1,1-Dichloroethene	ND	2.0	µg/L
8	Dichloromethane	ND	8.0	µg/L
9	trans-1,2-Dichloroethene	ND	2.0	µg/L
10	1,1-Dichloroethane	ND	2.0	µg/L
11	cis-1,2-Dichloroethene	ND	2.0	µg/L
12	Bromochloromethane	ND	2.0	µg/L
13	Chloroform	ND	2.0	µg/L
14	2,2-Dichloropropane	ND	2.0	µg/L
15	1,2-Dichloroethane	ND	2.0	µg/L
16	1,1,1-Trichloroethane	ND	2.0	µg/L
17	1,1-Dichloropropene	ND	2.0	µg/L
18	Carbon tetrachloride	ND	2.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	2.0	µg/L
21	1,2-Dichloropropane	ND	2.0	µg/L
22	Trichloroethene	ND	2.0	µg/L
23	Bromodichloromethane	ND	2.0	µg/L
24	cis-1,3-Dichloropropene	ND	2.0	µg/L
25	trans-1,3-Dichloropropene	ND	2.0	µg/L
26	1,1,2-Trichloroethane	ND	2.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	2.0	µg/L
29	Dibromochloromethane	ND	2.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	8.0	µg/L
31	Tetrachloroethene	ND	2.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
33	Chlorobenzene	ND	2.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	2.0	µg/L
37	Styrene	ND	2.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
40	1,2,3-Trichloropropane	ND	8.0	µg/L
41	Isopropylbenzene	ND	2.0	µg/L
42	Bromobenzene	ND	2.0	µg/L
43	n-Propylbenzene	ND	2.0	µg/L
44	4-Chlorotoluene	ND	2.0	µg/L
45	2-Chlorotoluene	ND	2.0	µg/L
46	1,3,5-Trimethylbenzene	ND	2.0	µg/L
47	tert-Butylbenzene	ND	2.0	µg/L
48	1,2,4-Trimethylbenzene	ND	2.0	µg/L
49	sec-Butylbenzene	ND	2.0	µg/L
50	1,3-Dichlorobenzene	ND	2.0	µg/L
51	1,4-Dichlorobenzene	ND	2.0	µg/L
52	4-Isopropyltoluene	ND	2.0	µg/L
53	1,2-Dichlorobenzene	ND	2.0	µg/L
54	n-Butylbenzene	ND	2.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	12	µg/L
56	1,2,4-Trichlorobenzene	ND	8.0	µg/L
57	Naphthalene	ND	8.0	µg/L
58	Hexachlorobutadiene	ND	8.0	µg/L
59	1,2,3-Trichlorobenzene	ND	8.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	103		%REC
61	Surr: Toluene-d8	99		%REC
62	Surr: 4-Bromofluorobenzene	97		%REC

Some Reporting Limits were increased due to sample foaming.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-04A
Client I.D. Number: MW-12

Sampled: 12/13/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	2.1	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	1.2	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	104		%REC
61	Surr: Toluene-d8	100		%REC
62	Surr: 4-Bromofluorobenzene	100		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121646-04A
Client I.D. Number: MW-13

Sampled: 12/15/05
Received: 12/16/05
Analyzed: 12/19/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	40	µg/L
2	Chloromethane	ND	80	µg/L
3	Vinyl chloride	ND	40	µg/L
4	Chloroethane	ND	40	µg/L
5	Bromomethane	ND	160	µg/L
6	Trichlorofluoromethane	ND	40	µg/L
7	1,1-Dichloroethene	ND	40	µg/L
8	Dichloromethane	ND	160	µg/L
9	trans-1,2-Dichloroethene	ND	40	µg/L
10	1,1-Dichloroethane	ND	40	µg/L
11	cis-1,2-Dichloroethene	ND	40	µg/L
12	Bromochloromethane	ND	40	µg/L
13	Chloroform	ND	40	µg/L
14	2,2-Dichloropropane	ND	40	µg/L
15	1,2-Dichloroethane	ND	40	µg/L
16	1,1,1-Trichloroethane	ND	40	µg/L
17	1,1-Dichloropropene	ND	40	µg/L
18	Carbon tetrachloride	ND	40	µg/L
19	Benzene	ND	20	µg/L
20	Dibromomethane	ND	40	µg/L
21	1,2-Dichloropropane	ND	40	µg/L
22	Trichloroethene	ND	40	µg/L
23	Bromodichloromethane	ND	40	µg/L
24	cis-1,3-Dichloropropene	ND	40	µg/L
25	trans-1,3-Dichloropropene	ND	40	µg/L
26	1,1,2-Trichloroethane	ND	40	µg/L
27	Toluene	ND	20	µg/L
28	1,3-Dichloropropane	ND	40	µg/L
29	Dibromochloromethane	ND	40	µg/L
30	1,2-Dibromoethane (EDB)	ND	160	µg/L
31	Tetrachloroethene	3,400	40	µg/L
32	1,1,1,2-Tetrachloroethane	ND	40	µg/L
33	Chlorobenzene	ND	40	µg/L
34	Ethylbenzene	ND	20	µg/L
35	m,p-Xylene	ND	20	µg/L
36	Bromoform	ND	40	µg/L
37	Styrene	ND	40	µg/L
38	o-Xylene	ND	20	µg/L
39	1,1,2,2-Tetrachloroethane	ND	40	µg/L
40	1,2,3-Trichloropropane	ND	160	µg/L
41	Isopropylbenzene	ND	40	µg/L
42	Bromobenzene	ND	40	µg/L
43	n-Propylbenzene	ND	40	µg/L
44	4-Chlorotoluene	ND	40	µg/L
45	2-Chlorotoluene	ND	40	µg/L
46	1,3,5-Trimethylbenzene	ND	40	µg/L
47	tert-Butylbenzene	ND	40	µg/L
48	1,2,4-Trimethylbenzene	ND	40	µg/L
49	sec-Butylbenzene	ND	40	µg/L
50	1,3-Dichlorobenzene	ND	40	µg/L
51	1,4-Dichlorobenzene	ND	40	µg/L
52	4-Isopropyltoluene	ND	40	µg/L
53	1,2-Dichlorobenzene	ND	40	µg/L
54	n-Butylbenzene	ND	40	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	240	µg/L
56	1,2,4-Trichlorobenzene	ND	160	µg/L
57	Naphthalene	ND	160	µg/L
58	Hexachlorobutadiene	ND	160	µg/L
59	1,2,3-Trichlorobenzene	ND	160	µg/L
60	Surr: 1,2-Dichloroethane-d4	95		%REC
61	Surr: Toluene-d8	107		%REC
62	Surr: 4-Bromofluorobenzene	107		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

12/22/05
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-15A
Client I.D. Number: MW-14

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	40	µg/L
2	Chloromethane	ND	80	µg/L
3	Vinyl chloride	ND	40	µg/L
4	Chloroethane	ND	40	µg/L
5	Bromomethane	ND	160	µg/L
6	Trichlorofluoromethane	ND	40	µg/L
7	1,1-Dichloroethene	ND	40	µg/L
8	Dichloromethane	ND	160	µg/L
9	trans-1,2-Dichloroethene	ND	40	µg/L
10	1,1-Dichloroethane	ND	40	µg/L
11	cis-1,2-Dichloroethene	ND	40	µg/L
12	Bromochloromethane	ND	40	µg/L
13	Chloroform	ND	40	µg/L
14	2,2-Dichloropropane	ND	40	µg/L
15	1,2-Dichloroethane	ND	40	µg/L
16	1,1,1-Trichloroethane	ND	40	µg/L
17	1,1-Dichloropropene	ND	40	µg/L
18	Carbon tetrachloride	ND	40	µg/L
19	Benzene	ND	20	µg/L
20	Dibromomethane	ND	40	µg/L
21	1,2-Dichloropropane	ND	40	µg/L
22	Trichloroethene	ND	40	µg/L
23	Bromodichloromethane	ND	40	µg/L
24	cis-1,3-Dichloropropene	ND	40	µg/L
25	trans-1,3-Dichloropropene	ND	40	µg/L
26	1,1,2-Trichloroethane	ND	40	µg/L
27	Toluene	ND	20	µg/L
28	1,3-Dichloropropane	ND	40	µg/L
29	Dibromochloromethane	ND	40	µg/L
30	1,2-Dibromoethane (EDB)	ND	160	µg/L
31	Tetrachloroethene	3,400	40	µg/L
32	1,1,1,2-Tetrachloroethane	ND	40	µg/L
33	Chlorobenzene	ND	40	µg/L
34	Ethylbenzene	ND	20	µg/L
35	m,p-Xylene	ND	20	µg/L
36	Bromoform	ND	40	µg/L
37	Styrene	ND	40	µg/L
38	o-Xylene	ND	20	µg/L
39	1,1,2,2-Tetrachloroethane	ND	40	µg/L
40	1,2,3-Trichloropropane	ND	160	µg/L
41	Isopropylbenzene	ND	40	µg/L
42	Bromobenzene	ND	40	µg/L
43	n-Propylbenzene	ND	40	µg/L
44	4-Chlorotoluene	ND	40	µg/L
45	2-Chlorotoluene	ND	40	µg/L
46	1,3,5-Trimethylbenzene	ND	40	µg/L
47	tert-Butylbenzene	ND	40	µg/L
48	1,2,4-Trimethylbenzene	ND	40	µg/L
49	sec-Butylbenzene	ND	40	µg/L
50	1,3-Dichlorobenzene	ND	40	µg/L
51	1,4-Dichlorobenzene	ND	40	µg/L
52	4-Isopropyltoluene	ND	40	µg/L
53	1,2-Dichlorobenzene	ND	40	µg/L
54	n-Butylbenzene	ND	40	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	240	µg/L
56	1,2,4-Trichlorobenzene	ND	160	µg/L
57	Naphthalene	ND	160	µg/L
58	Hexachlorobutadiene	ND	160	µg/L
59	1,2,3-Trichlorobenzene	ND	160	µg/L
60	Surr: 1,2-Dichloroethane-d4	100		%REC
61	Surr: Toluene-d8	100		%REC
62	Surr: 4-Bromofluorobenzene	99		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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12/21/05
Report Date

Alpha Analytical, Inc.

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-10A
Client I.D. Number: MW-15

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	1.5	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	5.0	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	103		%REC
61	Surr: Toluene-d8	99		%REC
62	Surr: 4-Bromofluorobenzene	101		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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Report Date

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-06A
Client I.D. Number: MW-16

Sampled: 12/13/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	ND	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	ND	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	106		%REC
61	Surr: Toluene-d8	100		%REC
62	Surr: 4-Bromofluorobenzene	99		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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Report Date

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-16A
Client I.D. Number: MW-17

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit			Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	4.0	µg/L	36	Bromoform	ND	4.0	µg/L
2	Chloromethane	ND	8.0	µg/L	37	Styrene	ND	4.0	µg/L
3	Vinyl chloride	ND	4.0	µg/L	38	o-Xylene	ND	2.0	µg/L
4	Chloroethane	ND	4.0	µg/L	39	1,1,2,2-Tetrachloroethane	ND	4.0	µg/L
5	Bromomethane	ND	16	µg/L	40	1,2,3-Trichloropropane	ND	16	µg/L
6	Trichlorofluoromethane	ND	4.0	µg/L	41	Isopropylbenzene	ND	4.0	µg/L
7	1,1-Dichloroethene	ND	4.0	µg/L	42	Bromobenzene	ND	4.0	µg/L
8	Dichloromethane	ND	16	µg/L	43	n-Propylbenzene	ND	4.0	µg/L
9	trans-1,2-Dichloroethene	ND	4.0	µg/L	44	4-Chlorotoluene	ND	4.0	µg/L
10	1,1-Dichloroethane	ND	4.0	µg/L	45	2-Chlorotoluene	ND	4.0	µg/L
11	cis-1,2-Dichloroethene	ND	4.0	µg/L	46	1,3,5-Trimethylbenzene	ND	4.0	µg/L
12	Bromochloromethane	ND	4.0	µg/L	47	tert-Butylbenzene	ND	4.0	µg/L
13	Chloroform	ND	4.0	µg/L	48	1,2,4-Trimethylbenzene	ND	4.0	µg/L
14	2,2-Dichloropropane	ND	4.0	µg/L	49	sec-Butylbenzene	ND	4.0	µg/L
15	1,2-Dichloroethane	ND	4.0	µg/L	50	1,3-Dichlorobenzene	ND	4.0	µg/L
16	1,1,1-Trichloroethane	ND	4.0	µg/L	51	1,4-Dichlorobenzene	ND	4.0	µg/L
17	1,1-Dichloropropene	ND	4.0	µg/L	52	4-Isopropyltoluene	ND	4.0	µg/L
18	Carbon tetrachloride	ND	4.0	µg/L	53	1,2-Dichlorobenzene	ND	4.0	µg/L
19	Benzene	ND	2.0	µg/L	54	n-Butylbenzene	ND	4.0	µg/L
20	Dibromomethane	ND	4.0	µg/L	55	1,2-Dibromo-3-chloropropane (DBCP)	ND	24	µg/L
21	1,2-Dichloropropane	ND	4.0	µg/L	56	1,2,4-Trichlorobenzene	ND	16	µg/L
22	Trichloroethene	ND	4.0	µg/L	57	Naphthalene	ND	16	µg/L
23	Bromodichloromethane	ND	4.0	µg/L	58	Hexachlorobutadiene	ND	16	µg/L
24	cis-1,3-Dichloropropene	ND	4.0	µg/L	59	1,2,3-Trichlorobenzene	ND	16	µg/L
25	trans-1,3-Dichloropropene	ND	4.0	µg/L	60	Surr: 1,2-Dichloroethane-d4	98		%REC
26	1,1,2-Trichloroethane	ND	4.0	µg/L	61	Surr: Toluene-d8	103		%REC
27	Toluene	ND	2.0	µg/L	62	Surr: 4-Bromofluorobenzene	100		%REC
28	1,3-Dichloropropane	ND	4.0	µg/L					
29	Dibromochloromethane	ND	4.0	µg/L					
30	1,2-Dibromoethane (EDB)	ND	16	µg/L					
31	Tetrachloroethene	470	4.0	µg/L					
32	1,1,1,2-Tetrachloroethane	ND	4.0	µg/L					
33	Chlorobenzene	ND	4.0	µg/L					
34	Ethylbenzene	ND	2.0	µg/L					
35	m,p-Xylene	ND	2.0	µg/L					

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121646-07A
Client I.D. Number: MW-18

Sampled: 12/15/05
Received: 12/16/05
Analyzed: 12/19/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit			Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	30	µg/L	36	Bromoform	ND	30	µg/L
2	Chloromethane	ND	60	µg/L	37	Styrene	ND	30	µg/L
3	Vinyl chloride	ND	30	µg/L	38	o-Xylene	ND	15	µg/L
4	Chloroethane	ND	30	µg/L	39	1,1,2,2-Tetrachloroethane	ND	30	µg/L
5	Bromomethane	ND	120	µg/L	40	1,2,3-Trichloropropane	ND	120	µg/L
6	Trichlorofluoromethane	ND	30	µg/L	41	Isopropylbenzene	ND	30	µg/L
7	1,1-Dichloroethene	ND	30	µg/L	42	Bromobenzene	ND	30	µg/L
8	Dichloromethane	ND	120	µg/L	43	n-Propylbenzene	ND	30	µg/L
9	trans-1,2-Dichloroethene	ND	30	µg/L	44	4-Chlorotoluene	ND	30	µg/L
10	1,1-Dichloroethane	ND	30	µg/L	45	2-Chlorotoluene	ND	30	µg/L
11	cis-1,2-Dichloroethene	ND	30	µg/L	46	1,3,5-Trimethylbenzene	ND	30	µg/L
12	Bromochloromethane	ND	30	µg/L	47	tert-Butylbenzene	ND	30	µg/L
13	Chloroform	ND	30	µg/L	48	1,2,4-Trimethylbenzene	ND	30	µg/L
14	2,2-Dichloropropane	ND	30	µg/L	49	sec-Butylbenzene	ND	30	µg/L
15	1,2-Dichloroethane	ND	30	µg/L	50	1,3-Dichlorobenzene	ND	30	µg/L
16	1,1,1-Trichloroethane	ND	30	µg/L	51	1,4-Dichlorobenzene	ND	30	µg/L
17	1,1-Dichloropropene	ND	30	µg/L	52	4-Isopropyltoluene	ND	30	µg/L
18	Carbon tetrachloride	ND	30	µg/L	53	1,2-Dichlorobenzene	ND	30	µg/L
19	Benzene	ND	15	µg/L	54	n-Butylbenzene	ND	30	µg/L
20	Dibromomethane	ND	30	µg/L	55	1,2-Dibromo-3-chloropropane (DBCP)	ND	180	µg/L
21	1,2-Dichloropropane	ND	30	µg/L	56	1,2,4-Trichlorobenzene	ND	120	µg/L
22	Trichloroethene	ND	30	µg/L	57	Naphthalene	ND	120	µg/L
23	Bromodichloromethane	ND	30	µg/L	58	Hexachlorobutadiene	ND	120	µg/L
24	cis-1,3-Dichloropropene	ND	30	µg/L	59	1,2,3-Trichlorobenzene	ND	120	µg/L
25	trans-1,3-Dichloropropene	ND	30	µg/L	60	Surr: 1,2-Dichloroethane-d4	91		%REC
26	1,1,2-Trichloroethane	ND	30	µg/L	61	Surr: Toluene-d8	108		%REC
27	Toluene	ND	15	µg/L	62	Surr: 4-Bromofluorobenzene	108		%REC
28	1,3-Dichloropropane	ND	30	µg/L					
29	Dibromochloromethane	ND	30	µg/L					
30	1,2-Dibromoethane (EDB)	ND	120	µg/L					
31	Tetrachloroethene	2,400	30	µg/L					
32	1,1,1,2-Tetrachloroethane	ND	30	µg/L					
33	Chlorobenzene	ND	30	µg/L					
34	Ethylbenzene	ND	15	µg/L					
35	m,p-Xylene	ND	15	µg/L					

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

12/22/05
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121646-02A
Client I.D. Number: MW-19

Sampled: 12/15/05
Received: 12/16/05
Analyzed: 12/19/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit			Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	10	µg/L	36	Bromoform	ND	10	µg/L
2	Chloromethane	ND	20	µg/L	37	Styrene	ND	10	µg/L
3	Vinyl chloride	ND	10	µg/L	38	o-Xylene	ND	5.0	µg/L
4	Chloroethane	ND	10	µg/L	39	1,1,2,2-Tetrachloroethane	ND	10	µg/L
5	Bromomethane	ND	40	µg/L	40	1,2,3-Trichloropropane	ND	40	µg/L
6	Trichlorofluoromethane	ND	10	µg/L	41	Isopropylbenzene	ND	10	µg/L
7	1,1-Dichloroethene	ND	10	µg/L	42	Bromobenzene	ND	10	µg/L
8	Dichloromethane	ND	40	µg/L	43	n-Propylbenzene	ND	10	µg/L
9	trans-1,2-Dichloroethene	ND	10	µg/L	44	4-Chlorotoluene	ND	10	µg/L
10	1,1-Dichloroethane	ND	10	µg/L	45	2-Chlorotoluene	ND	10	µg/L
11	cis-1,2-Dichloroethene	ND	10	µg/L	46	1,3,5-Trimethylbenzene	ND	10	µg/L
12	Bromochloromethane	ND	10	µg/L	47	tert-Butylbenzene	ND	10	µg/L
13	Chloroform	ND	10	µg/L	48	1,2,4-Trimethylbenzene	ND	10	µg/L
14	2,2-Dichloropropane	ND	10	µg/L	49	sec-Butylbenzene	ND	10	µg/L
15	1,2-Dichloroethane	ND	10	µg/L	50	1,3-Dichlorobenzene	ND	10	µg/L
16	1,1,1-Trichloroethane	ND	10	µg/L	51	1,4-Dichlorobenzene	ND	10	µg/L
17	1,1-Dichloropropene	ND	10	µg/L	52	4-Isopropyltoluene	ND	10	µg/L
18	Carbon tetrachloride	ND	10	µg/L	53	1,2-Dichlorobenzene	ND	10	µg/L
19	Benzene	ND	5.0	µg/L	54	n-Butylbenzene	ND	10	µg/L
20	Dibromomethane	ND	10	µg/L	55	1,2-Dibromo-3-chloropropane (DBCP)	ND	60	µg/L
21	1,2-Dichloropropane	ND	10	µg/L	56	1,2,4-Trichlorobenzene	ND	40	µg/L
22	Trichloroethene	ND	10	µg/L	57	Naphthalene	ND	40	µg/L
23	Bromodichloromethane	ND	10	µg/L	58	Hexachlorobutadiene	ND	40	µg/L
24	cis-1,3-Dichloropropene	ND	10	µg/L	59	1,2,3-Trichlorobenzene	ND	40	µg/L
25	trans-1,3-Dichloropropene	ND	10	µg/L	60	Surr: 1,2-Dichloroethane-d4	95		%REC
26	1,1,2-Trichloroethane	ND	10	µg/L	61	Surr: Toluene-d8	106		%REC
27	Toluene	ND	5.0	µg/L	62	Surr: 4-Bromofluorobenzene	104		%REC
28	1,3-Dichloropropane	ND	10	µg/L					
29	Dibromochloromethane	ND	10	µg/L					
30	1,2-Dibromoethane (EDB)	ND	40	µg/L					
31	Tetrachloroethene	1,300	10	µg/L					
32	1,1,1,2-Tetrachloroethane	ND	10	µg/L					
33	Chlorobenzene	ND	10	µg/L					
34	Ethylbenzene	ND	5.0	µg/L					
35	m,p-Xylene	ND	5.0	µg/L					

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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12/22/05
Report Date

Alpha Analytical, Inc.

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121646-01A
Client I.D. Number: MW-20

Sampled: 12/15/05
Received: 12/16/05
Analyzed: 12/19/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	20	µg/L
2	Chloromethane	ND	40	µg/L
3	Vinyl chloride	ND	20	µg/L
4	Chloroethane	ND	20	µg/L
5	Bromomethane	ND	80	µg/L
6	Trichlorofluoromethane	ND	20	µg/L
7	1,1-Dichloroethene	ND	20	µg/L
8	Dichloromethane	ND	80	µg/L
9	trans-1,2-Dichloroethene	ND	20	µg/L
10	1,1-Dichloroethane	ND	20	µg/L
11	cis-1,2-Dichloroethene	ND	20	µg/L
12	Bromochloromethane	ND	20	µg/L
13	Chloroform	ND	20	µg/L
14	2,2-Dichloropropane	ND	20	µg/L
15	1,2-Dichloroethane	ND	20	µg/L
16	1,1,1-Trichloroethane	ND	20	µg/L
17	1,1-Dichloropropene	ND	20	µg/L
18	Carbon tetrachloride	ND	20	µg/L
19	Benzene	ND	10	µg/L
20	Dibromomethane	ND	20	µg/L
21	1,2-Dichloropropane	ND	20	µg/L
22	Trichloroethene	ND	20	µg/L
23	Bromodichloromethane	ND	20	µg/L
24	cis-1,3-Dichloropropene	ND	20	µg/L
25	trans-1,3-Dichloropropene	ND	20	µg/L
26	1,1,2-Trichloroethane	ND	20	µg/L
27	Toluene	ND	10	µg/L
28	1,3-Dichloropropane	ND	20	µg/L
29	Dibromochloromethane	ND	20	µg/L
30	1,2-Dibromoethane (EDB)	ND	80	µg/L
31	Tetrachloroethene	1,800	20	µg/L
32	1,1,1,2-Tetrachloroethane	ND	20	µg/L
33	Chlorobenzene	ND	20	µg/L
34	Ethylbenzene	ND	10	µg/L
35	m,p-Xylene	ND	10	µg/L
36	Bromoform	ND	20	µg/L
37	Styrene	ND	20	µg/L
38	o-Xylene	ND	10	µg/L
39	1,1,2,2-Tetrachloroethane	ND	20	µg/L
40	1,2,3-Trichloropropane	ND	80	µg/L
41	Isopropylbenzene	ND	20	µg/L
42	Bromobenzene	ND	20	µg/L
43	n-Propylbenzene	ND	20	µg/L
44	4-Chlorotoluene	ND	20	µg/L
45	2-Chlorotoluene	ND	20	µg/L
46	1,3,5-Trimethylbenzene	ND	20	µg/L
47	tert-Butylbenzene	ND	20	µg/L
48	1,2,4-Trimethylbenzene	ND	20	µg/L
49	sec-Butylbenzene	ND	20	µg/L
50	1,3-Dichlorobenzene	ND	20	µg/L
51	1,4-Dichlorobenzene	ND	20	µg/L
52	4-Isopropyltoluene	ND	20	µg/L
53	1,2-Dichlorobenzene	ND	20	µg/L
54	n-Butylbenzene	ND	20	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	120	µg/L
56	1,2,4-Trichlorobenzene	ND	80	µg/L
57	Naphthalene	ND	80	µg/L
58	Hexachlorobutadiene	ND	80	µg/L
59	1,2,3-Trichlorobenzene	ND	80	µg/L
60	Surr: 1,2-Dichloroethane-d4	100		%REC
61	Surr: Toluene-d8	105		%REC
62	Surr: 4-Bromofluorobenzene	107		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-08A
Client I.D. Number: MW-21

Sampled: 12/14/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	1.3	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	ND	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	1.8	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	16	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	106		%REC
61	Surr: Toluene-d8	100		%REC
62	Surr: 4-Bromofluorobenzene	101		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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Report Date

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-01A
Client I.D. Number: MW-22

Sampled: 12/13/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	6.6	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	1.0	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	102		%REC
61	Surr: Toluene-d8	101		%REC
62	Surr: 4-Bromofluorobenzene	100		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121646-06A
Client I.D. Number: MW-23

Sampled: 12/15/05
Received: 12/16/05
Analyzed: 12/19/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	20	µg/L
2	Chloromethane	ND	40	µg/L
3	Vinyl chloride	ND	20	µg/L
4	Chloroethane	ND	20	µg/L
5	Bromomethane	ND	80	µg/L
6	Trichlorofluoromethane	ND	20	µg/L
7	1,1-Dichloroethene	ND	20	µg/L
8	Dichloromethane	ND	80	µg/L
9	trans-1,2-Dichloroethene	ND	20	µg/L
10	1,1-Dichloroethane	ND	20	µg/L
11	cis-1,2-Dichloroethene	ND	20	µg/L
12	Bromochloromethane	ND	20	µg/L
13	Chloroform	ND	20	µg/L
14	2,2-Dichloropropane	ND	20	µg/L
15	1,2-Dichloroethane	ND	20	µg/L
16	1,1,1-Trichloroethane	ND	20	µg/L
17	1,1-Dichloropropene	ND	20	µg/L
18	Carbon tetrachloride	ND	20	µg/L
19	Benzene	ND	10	µg/L
20	Dibromomethane	ND	20	µg/L
21	1,2-Dichloropropane	ND	20	µg/L
22	Trichloroethene	ND	20	µg/L
23	Bromodichloromethane	ND	20	µg/L
24	cis-1,3-Dichloropropene	ND	20	µg/L
25	trans-1,3-Dichloropropene	ND	20	µg/L
26	1,1,2-Trichloroethane	ND	20	µg/L
27	Toluene	ND	10	µg/L
28	1,3-Dichloropropane	ND	20	µg/L
29	Dibromochloromethane	ND	20	µg/L
30	1,2-Dibromoethane (EDB)	ND	80	µg/L
31	Tetrachloroethene	1,900	20	µg/L
32	1,1,1,2-Tetrachloroethane	ND	20	µg/L
33	Chlorobenzene	ND	20	µg/L
34	Ethylbenzene	ND	10	µg/L
35	m,p-Xylene	ND	10	µg/L
36	Bromoform	ND	20	µg/L
37	Styrene	ND	20	µg/L
38	o-Xylene	ND	10	µg/L
39	1,1,2,2-Tetrachloroethane	ND	20	µg/L
40	1,2,3-Trichloropropane	ND	80	µg/L
41	Isopropylbenzene	ND	20	µg/L
42	Bromobenzene	ND	20	µg/L
43	n-Propylbenzene	ND	20	µg/L
44	4-Chlorotoluene	ND	20	µg/L
45	2-Chlorotoluene	ND	20	µg/L
46	1,3,5-Trimethylbenzene	ND	20	µg/L
47	tert-Butylbenzene	ND	20	µg/L
48	1,2,4-Trimethylbenzene	ND	20	µg/L
49	sec-Butylbenzene	ND	20	µg/L
50	1,3-Dichlorobenzene	ND	20	µg/L
51	1,4-Dichlorobenzene	ND	20	µg/L
52	4-Isopropyltoluene	ND	20	µg/L
53	1,2-Dichlorobenzene	ND	20	µg/L
54	n-Butylbenzene	ND	20	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	120	µg/L
56	1,2,4-Trichlorobenzene	ND	80	µg/L
57	Naphthalene	ND	80	µg/L
58	Hexachlorobutadiene	ND	80	µg/L
59	1,2,3-Trichlorobenzene	ND	80	µg/L
60	Surr: 1,2-Dichloroethane-d4	94		%REC
61	Surr: Toluene-d8	108		%REC
62	Surr: 4-Bromofluorobenzene	104		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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12/22/05
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121550-02A
Client I.D. Number: MW-24

Sampled: 12/13/05
Received: 12/15/05
Analyzed: 12/16/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	ND	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	6.7	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	99		%REC
61	Surr: Toluene-d8	100		%REC
62	Surr: 4-Bromofluorobenzene	99		%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119
Job#: 26698724

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Alpha Analytical Number: URS05121646-05A
Client I.D. Number: MW-25

Sampled: 12/15/05
Received: 12/16/05
Analyzed: 12/19/05

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	10	µg/L
2	Chloromethane	ND	20	µg/L
3	Vinyl chloride	ND	10	µg/L
4	Chloroethane	ND	10	µg/L
5	Bromomethane	ND	40	µg/L
6	Trichlorofluoromethane	ND	10	µg/L
7	1,1-Dichloroethene	ND	10	µg/L
8	Dichloromethane	ND	40	µg/L
9	trans-1,2-Dichloroethene	ND	10	µg/L
10	1,1-Dichloroethane	ND	10	µg/L
11	cis-1,2-Dichloroethene	ND	10	µg/L
12	Bromochloromethane	ND	10	µg/L
13	Chloroform	ND	10	µg/L
14	2,2-Dichloropropane	ND	10	µg/L
15	1,2-Dichloroethane	ND	10	µg/L
16	1,1,1-Trichloroethane	ND	10	µg/L
17	1,1-Dichloropropene	ND	10	µg/L
18	Carbon tetrachloride	ND	10	µg/L
19	Benzene	ND	5.0	µg/L
20	Dibromomethane	ND	10	µg/L
21	1,2-Dichloropropane	ND	10	µg/L
22	Trichloroethene	ND	10	µg/L
23	Bromodichloromethane	ND	10	µg/L
24	cis-1,3-Dichloropropene	ND	10	µg/L
25	trans-1,3-Dichloropropene	ND	10	µg/L
26	1,1,2-Trichloroethane	ND	10	µg/L
27	Toluene	ND	5.0	µg/L
28	1,3-Dichloropropane	ND	10	µg/L
29	Dibromochloromethane	ND	10	µg/L
30	1,2-Dibromoethane (EDB)	ND	40	µg/L
31	Tetrachloroethene	1,000	10	µg/L
32	1,1,1,2-Tetrachloroethane	ND	10	µg/L
33	Chlorobenzene	ND	10	µg/L
34	Ethylbenzene	ND	5.0	µg/L
35	m,p-Xylene	ND	5.0	µg/L
36	Bromoform	ND	10	µg/L
37	Styrene	ND	10	µg/L
38	o-Xylene	ND	5.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	10	µg/L
40	1,2,3-Trichloropropane	ND	40	µg/L
41	Isopropylbenzene	ND	10	µg/L
42	Bromobenzene	ND	10	µg/L
43	n-Propylbenzene	ND	10	µg/L
44	4-Chlorotoluene	ND	10	µg/L
45	2-Chlorotoluene	ND	10	µg/L
46	1,3,5-Trimethylbenzene	ND	10	µg/L
47	tert-Butylbenzene	ND	10	µg/L
48	1,2,4-Trimethylbenzene	ND	10	µg/L
49	sec-Butylbenzene	ND	10	µg/L
50	1,3-Dichlorobenzene	ND	10	µg/L
51	1,4-Dichlorobenzene	ND	10	µg/L
52	4-Isopropyltoluene	ND	10	µg/L
53	1,2-Dichlorobenzene	ND	10	µg/L
54	n-Butylbenzene	ND	10	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	60	µg/L
56	1,2,4-Trichlorobenzene	ND	40	µg/L
57	Naphthalene	ND	40	µg/L
58	Hexachlorobutadiene	ND	40	µg/L
59	1,2,3-Trichlorobenzene	ND	40	µg/L
60	Surr: 1,2-Dichloroethane-d4	103		%REC
61	Surr: Toluene-d8	103		%REC
62	Surr: 4-Bromofluorobenzene	112		%REC

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

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VOC Sample Preservation Report

Work Order: URS05121550 **Project:** 26698724

Alpha's Sample ID	Client's Sample ID	Matrix	pH
05121550-01A	MW-22	Aqueous	2
05121550-02A	MW-24	Aqueous	2
05121550-03A	MW-8	Aqueous	6
05121550-04A	MW-12	Aqueous	2
05121550-05A	MW-7	Aqueous	2
05121550-06A	MW-16	Aqueous	2
05121550-07A	MW-9	Aqueous	2
05121550-08A	MW-21	Aqueous	6
05121550-09A	MW-10	Aqueous	2
05121550-10A	MW-15	Aqueous	2
05121550-11A	MW-3	Aqueous	2
05121550-12A	MW-4	Aqueous	2
05121550-13A	MW-5	Aqueous	2
05121550-14A	MW-6	Aqueous	2
05121550-15A	MW-14	Aqueous	6
05121550-16A	MW-17	Aqueous	2
05121550-17A	MW-1	Aqueous	2

12/21/05

Report Date

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VOC Sample Preservation Report

Work Order: URS05121646 **Project:** 26698724

Alpha's Sample ID	Client's Sample ID	Matrix	pH
05121646-01A	MW-20	Aqueous	2
05121646-02A	MW-19	Aqueous	2
05121646-03A	MW-2	Aqueous	2
05121646-04A	MW-13	Aqueous	2
05121646-05A	MW-25	Aqueous	2
05121646-06A	MW-23	Aqueous	2
05121646-07A	MW-18	Aqueous	2

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ANALYTICAL REPORT

URS Corporation
7180 Pollock Drive #200
Las Vegas, NV 89119

Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600
Date Received : 12/15/05

Job#: 26698724

Metals by ICPMS
EPA Method 200.8

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-1					
Lab ID :	URS05121550-17A	Manganese (Mn)	0.027	0.0050 mg/L	12/14/05	12/20/05
		Iron (Fe)	5.0	0.30 mg/L	12/14/05	12/20/05

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Date Received : 12/16/05

Job#: 26698724

Metals by ICPMS
EPA Method 200.8

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-13					
Lab ID :	URS05121646-04A	Manganese (Mn)	0.11	0.0050 mg/L	12/15/05	12/20/05
		Iron (Fe)	7.0	0.30 mg/L	12/15/05	12/20/05
Client ID :	MW-25					
Lab ID :	URS05121646-05A	Manganese (Mn)	ND	0.0050 mg/L	12/15/05	12/20/05
		Iron (Fe)	3.0	0.30 mg/L	12/15/05	12/20/05
Client ID :	MW-18					
Lab ID :	URS05121646-07A	Manganese (Mn)	0.015	0.0050 mg/L	12/15/05	12/20/05
		Iron (Fe)	3.7	0.30 mg/L	12/15/05	12/20/05

ND = Not Detected

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Attn: Randy S. Kyes
Phone: (702) 951-3379
Fax: (702) 837-1600

Anions by Ion Chromatography (IC) EPA Method 300.0 / SW9056

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-1					
Lab ID :	URS05121550-17A	Chloride	200	20 mg/L	12/14/05	12/18/05
		Nitrate (NO3) - N	8.1	0.25 mg/L	12/14/05	12/16/05
		Sulfate (SO4)	1,800	20 mg/L	12/14/05	12/18/05

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Anions by Ion Chromatography (IC) EPA Method 300.0 / SW9056

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-13					
Lab ID :	URS05121646-04A	Chloride	190	20 mg/L	12/15/05	12/19/05
		Nitrate (NO3) - N	5.9	0.25 mg/L	12/15/05	12/16/05
		Sulfate (SO4)	1,600	20 mg/L	12/15/05	12/19/05
Client ID :	MW-25					
Lab ID :	URS05121646-05A	Chloride	190	20 mg/L	12/15/05	12/19/05
		Nitrate (NO3) - N	4.5	0.25 mg/L	12/15/05	12/16/05
		Sulfate (SO4)	1,700	20 mg/L	12/15/05	12/19/05
Client ID :	MW-18					
Lab ID :	URS05121646-07A	Chloride	180	20 mg/L	12/15/05	12/19/05
		Nitrate (NO3) - N	4.7	0.25 mg/L	12/15/05	12/16/05
		Sulfate (SO4)	1,600	20 mg/L	12/15/05	12/19/05

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Phone: (702) 951-3379
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Date Received : 12/15/05

Job#: 26698724

Alkalinity
EPA Method 310.1

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-1					
Lab ID :	URS05121550-17A	Alkalinity, Total (As CaCO3 at pH 4.5)	190	1.0 mg/L	12/14/05	12/20/05

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Alkalinity
EPA Method 310.1

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-13					
Lab ID :	URS05121646-04A	Alkalinity, Total (As CaCO3 at pH 4.5)	220	1.0 mg/L	12/15/05	12/20/05
Client ID :	MW-25					
Lab ID :	URS05121646-05A	Alkalinity, Total (As CaCO3 at pH 4.5)	230	1.0 mg/L	12/15/05	12/20/05
Client ID :	MW-18					
Lab ID :	URS05121646-07A	Alkalinity, Total (As CaCO3 at pH 4.5)	200	1.0 mg/L	12/15/05	12/20/05

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Attn: Randy S. Kyes
Phone: (702) 951-3379
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Date Received : 12/15/05

Job#: 26698724

Total Organic Carbon as NonPurgeable Organic Carbon
EPA Method SW9060/415.1/SM-5310C

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-1					
Lab ID :	URS05121550-17A	Total Organic Carbon	1.7	1.0 mg/L	12/14/05	12/19/05

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Total Organic Carbon as NonPurgeable Organic Carbon
EPA Method SW9060/415.1/SM-5310C

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	MW-13					
Lab ID :	URS05121646-04A	Total Organic Carbon	1.6	1.0 mg/L	12/15/05	12/19/05
Client ID :	MW-25					
Lab ID :	URS05121646-05A	Total Organic Carbon	1.3	1.0 mg/L	12/15/05	12/19/05
Client ID :	MW-18					
Lab ID :	URS05121646-07A	Total Organic Carbon	1.4	1.0 mg/L	12/15/05	12/19/05

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