REPORT
QUARTERLY GROUNDWATER SAMPLING
1st Quarter 2007
MARYLAND SQUARE SHOPPING CENTER
3661 SOUTH MARYLAND PARKWAY
LAS VEGAS, NEVADA
FOR AL PHILLIPS THE CLEANER

URS Corporation
Job No. 26698724.00005
April 2, 2007

URS

April 2, 2007

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: **1st Quarter 2007 Groundwater Sampling**

Maryland Square Shopping Center
3661 South Maryland Parkway, Las Vegas, Nevada
Facility ID: H-000086

Gentlemen:

URS Corporation is pleased to submit the 1st Quarter 2007 quarterly groundwater sampling event report for the Maryland Square Shopping Center. Groundwater from ten monitoring wells was sampled during this quarterly sampling event as requested in a letter dated March 1, 2007, from the Nevada Division of Environmental Protection (NDEP). The groundwater samples were submitted to a laboratory to test for volatile organic compounds. 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 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: Mary Siders, NDEP

REPORT
1st Quarter 2007 GROUNDWATER SAMPLING
MARYLAND SQUARE SHOPPING CENTER
3661 SOUTH MARYLAND PARKWAY
LAS VEGAS, NEVADA

Prepared for:

Al Phillips the Cleaner
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:

URS Corporation
811 Grier Drive
Las Vegas, Nevada 89119

Job No. 26698724.00005
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1.0 INTRODUCTION AND BACKGROUND

This report presents the results of the 1st Quarter 2007 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 10 of 27 monitoring wells located on and around the Al Phillips site during March 2007. A letter from the Nevada Division of Environmental Protection (NDEP) dated March 1, 2007, modified the sampling interval for the onsite and off-site monitoring wells. 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 took over control of assessment activities at the site from the Herman Kishner Trust in spring 2004. 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 tetrachloroethylene (PCE) was detected in soil beneath the former facility and in groundwater adjacent to, and downgradient from, the facility. URS reviewed Converse reports (see References) and other documents obtained from Converse and the 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 downgradient 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 5-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 primary remediation goal (PRG) for PCE of 3,400 micrograms per kilogram (µg /kg) for soil located on an industrial parcel. The highest concentration detected was 120,000 µg /kg in borehole B-10-10'.

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. Well 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, and MW-25 were installed in the residential area downgradient (east) of the Boulevard Mall and Al Phillips. Two additional groundwater monitoring wells were installed by URS in March 2006. These wells are MW-26 and MW-27. Well MW-26 is located downgradient (east) of well MW-25 on Seneca Lane. Well MW-27 is located downgradient (east) of well MW-26 on Ottawa Circle.

URS prepared a Source Removal Corrective Action Plan to further assess PCE contamination in the soil at the former Al Phillips Facility site in November 2006. Seventeen additional soil-sampling boreholes were drilled in February 2007, near the location of the 12 from April 2005, as part of a Source Area Soil Assessment. Based on these investigations, URS proposed a remedial method, schedule and site-specific level of cleanup to the NDEP. URS also conducted an off-site soil vapor study in areas downgradient of the former site, including the Boulevard Mall parking lot and locations in the residential area east of the mall. Based on this new set of data, the NDEP is currently reevaluating the remedial approach to the source area and the downgradient groundwater contamination.

The NDEP responded (letter dated March 1, 2007) to a request by URS to reduce the frequency of groundwater sampling from quarterly to semi-annual monitoring in March 2007. The NDEP determined that 17 of the wells could be monitored semi-annually. The 10 wells sampled this quarter that will remain on a quarterly schedule include MW-13, MW-14, MW-17, MW-18, MW-19, MW-20, MW-23, MW-25, MW-26 and MW-27. Water levels will be measured quarterly for all 27 monitoring wells.

2.0 GROUNDWATER SAMPLING PROCEDURES

Groundwater samples from 10 existing monitoring wells (MW-13, MW-14, MW-17 to MW-20, MW-23 and MW-25 to MW-27) were collected during this sampling event on March 12 through 15, 2007. The remaining 17 wells will be sampled semi-annually as requested in the NDEP's letter dated March 1, 2007. Depth to groundwater was measured at 26 of the 27 wells. Groundwater depth at shallow monitoring well MW-4 was unable to be measured. There are several large trees near well MW-4 and their root systems may have clogged the well. Monitoring well MW-4 should be developed before it can be sampled again.

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.

The 10 monitoring wells were purged prior to sampling. A minimum of three casing volumes of groundwater was purged using a submersible pump and/or a dedicated bailer. 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 had been attained. Temperature, pH, specific conductance (SC), dissolved oxygen (DO), turbidity, total dissolved solids (TDS), 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. The pump, electronic water level meter and field meter probe were decontaminated before use at each well.

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, prior to disposal in accordance with regulations.

Monitoring wells were sampled using a clean disposable bailer. Groundwater samples were collected in five 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 was to break during transport. The VOA vials were filled so that there was no headspace. Water samples to be analyzed for total organic carbon (TOC) were collected in 250-milliliter amber glass bottles pre-preserved with sulfuric acid. Groundwater samples to be analyzed for dissolved iron and manganese were collected in 250-milliliter clear plastic bottles pre-preserved with nitric acid. These samples were filtered by the laboratory prior to analysis. Groundwater samples to be analyzed for chloride, nitrate, sulfate, and alkalinity were collected in 500-milliliter clear plastic bottles that contained no preservative. Due to the 48-hour holding time for the nitrate, groundwater samples were collected in 500-milliliter

clear plastic bottles and pre-preserved with sulfuric acid in case the sample could not be analyzed within 48 hours. 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.

3.0 FIELD DATA AND TEST RESULTS

3.1 WATER LEVELS AND GRADIENT

The depths to water in each of the 26 selected monitoring wells were measured March 12 through 15, 2007, and are listed in Table 1 along with historical data. The depth to groundwater in these 26 wells ranged from approximately 11.36 feet below top of casing in well MW-18 to 26.63 feet in well MW-20. Figure 2 shows hydrographs for the shallow wells during the last five years. In general, groundwater elevation has decreased by approximately 1 foot since the December 2006 sampling event in all of the wells except for the wells located east of the Boulevard Mall parking area. Monitoring wells MW-18 and MW-24 showed decreases in groundwater elevation less than half a foot. Groundwater elevation in monitoring wells MW-22, MW-23, MW-25 and MW-27 increased this sampling period. Monitoring wells MW-26 and MW-27 were surveyed for elevation during the 1st Quarter 2007 so that groundwater contours in the eastern portion of the plume can be evaluated. The general flow direction for the shallow aquifer is eastward, as indicated by the groundwater contours and flow directions shown on Figure 3.

3.2 GROUNDWATER ANALYSES AND CHEMISTRY

Ten groundwater samples were analyzed for VOCs by U.S. EPA method 8260B. Selected samples from monitoring wells MW-13, MW-18, and MW-25 were analyzed for total iron and manganese; chloride, nitrate, and sulfate; alkalinity; and 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, SC, DO, TDS, ORP, and turbidity in the monitoring wells. No water quality parameters were recorded for monitoring well MW-23 during purging because the field equipment had been returned. Groundwater temperatures ranged from 21.90 to 25.10 degrees Centigrade (°C). Groundwater pH in shallow groundwater wells ranged from 6.82 to 7.02. Groundwater SC in shallow groundwater wells ranged from 3.25 to 3.76 microSiemens per centimeter (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 shallow groundwater wells ranged from 6.96 to 9.84 mg/L. ORP values for shallow wells ranged from 181 to 514 millivolts (mV). TDS concentrations during this sampling event in shallow groundwater wells ranged from 2.1 to 2.4 grams per liter (g/L).

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-13, MW-14, MW-17 through MW-20, MW-23, MW-25 through MW-27 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 2,500 µg/L in shallow well MW-13. Well MW-13 is located down gradient from the site on the Boulevard Mall property near the northeast corner of the front parking garage. The PCE concentration in well MW-27, which is the furthest downgradient well at the site, was 160 µg/L. Figure 5 shows the monitoring well locations, respective PCE concentrations for the ten shallow wells sampled this quarter, and the estimated PCE plume area for the shallow aquifer for this current sampling event. Equal potential concentration contours have been estimated and in some instances fall outside monitoring wells that were not sampled this quarter.

Trichloroethene (TCE), cis-1, 2-dichloroethene, and vinyl chloride, degradation compounds of PCE, were not detected in groundwater this sampling event. TCE, cis-1,2-dichloroethene, and vinyl chloride are respectively first, second, and third order reductive dechlorination (anaerobic conditions) degradation compound of PCE. Based on prior groundwater analytical results, TCE has been detected in low concentrations in wells MW-2, MW-6, and MW-22 in prior sampling events.

Table 4 summarizes the results of laboratory testing for ionic compounds for the 1st Quarter 2007 sampling event. This is the eighth sampling event during which these parameters have been monitored. Iron concentrations ranged from 6.0 to 38.0 mg/L and manganese concentrations ranged from 0.059 to 0.48 mg/L. The anions (chloride, nitrate, and sulfate) ranged from 160 to 220 mg/L, 4.5 to 5.9 mg/L and 1,500 to 1,700 mg/L, respectively. Total alkalinity laboratory concentrations ranged from 210 to 240 mg/L. Total organic carbon (TOC) concentrations ranged from 1.5 to 1.7 mg/L.

4.0 CONCLUSIONS

4.1 GROUNDWATER SAMPLING CONCLUSIONS

In general, historical laboratory analytical data indicates that PCE concentration levels in monitoring wells have fluctuated over time, dating back to the first analysis by Converse in August 2000. Compared to the concentrations of PCE detected in December 2006, seven of the ten monitoring wells sampled this quarter showed decreased PCE concentrations and two remained the same. Well MW-26 was not sampled in December 2006, but the concentration of PCE has decreased since October 2006. The PCE concentration in the most easterly down gradient well MW-27 (installed in March 2006) decreased from 380 µg/L in December 2006 to 160 µg/L this quarter.

Based on the groundwater monitoring and analytical results obtained during previous sampling events, it appears that the PCE groundwater plume is approximately 550 feet wide beneath the Mall and a minimum of 3,300 feet long. The groundwater plume is relatively narrow and may follow an old paleochannel within the alluvial sediments.

4.2 REMEDIAL EFFORTS AND ASSESSMENTS

Maryland Square LLC (MS), owner of the former Maryland Square Shopping Center site, proceeded with demolition of the buildings at the site in July 2006. According to MS' property management firm, CB Richard Ellis, plans for development of the property have not been selected. Ongoing discussions with MS could change the proposed plans for installations of an AS remedial system.

A source removal Corrective Action Plan was submitted to NDEP in early December 2006 and additional soil investigations were performed in the source area during January 2007. An off-site soil vapor survey was conducted during March 2007 on the east side of the Mall property and in the residential area east of the Mall. In light of the data from both these investigations the NDEP is reevaluating the onsite and offsite remedial approach.

5.0 REFERENCES

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-----, 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.

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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.

URS, 2006. Quarterly Groundwater Sampling, June 2006, Al Phillips the Cleaner, Maryland Square Shopping Center, 3661 South Maryland Parkway, Las Vegas, NV. July 31, 2006.

URS, 2006. Source Removal Corrective Action Plan, Former Al Phillips Facility, Al Phillips the Cleaner, Maryland Square Shopping Center, 3661 South Maryland Parkway, Las Vegas, NV. November 13, 2006.

URS, 2006. Quarterly Groundwater Sampling, 3rd Quarter 2006, Al Phillips the Cleaner, Maryland Square Shopping Center, 3661 South Maryland Parkway, Las Vegas, NV. November 14, 2006.

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URS, 2007. Source Area Soil Assessment, Former Al Phillips Facility, Al Phillips the Cleaner, Maryland Square Shopping Center, 3661 South Maryland Parkway, Las Vegas, NV. February 23, 2007.

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 ELEVATIONS
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
				Mar 06	18.42	1973.62
				Jun 06	NM	NM
				Oct 06	18.30	1973.74
				Dec 06	18.88	1973.16
				Mar 07	20.08	1971.96
MW-2	Oct-00	1,983.79	10-32	Oct 00	15.52	1968.27
		1,983.99		Sep 02	16.62	1967.37
		1,983.97		May 03	17.15	1966.84
				Sept 03	17.70	1966.27
				Jan 04	18.25	1965.72
				May 05	14.65	1969.32
				Dec 05	16.00	1967.97
				Mar 06	NM	NM
				Jun 06	17.55	1966.42
				Oct 06	17.25	1966.72
				Dec 06	17.60	1966.37
				Mar 07	18.84	1965.13
MW-3	Oct-00	1,984.19	10-32	Oct 00	15.95	1968.24
		1,984.46		Sep 02	17.20	1967.26
		1,984.43		May 03	17.70	1966.76
				Sept 03	18.35	1966.08
				Jan 04	19.25	1965.18
				May 05	15.22	1969.21
				Dec 05	16.45	1967.98
				Mar 06	NM	NM
				Jun 06	18.38	1966.05
				Oct 06	17.88	1966.55
				Dec 06	18.26	1966.17
				Mar 07	19.86	1964.57

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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-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
				Mar 06	NM	NM
				Jun 06	18.36	1971.49
				Oct 06	18.34	1971.51
				Dec 06	NM	NM
				Mar 07	NM	NM
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
				Oct 06	17.46	1971.72
				Sept 03	18.07	1971.11
				Jan 04	18.65	1970.53
				May 05	14.87	1974.31
				Dec 05	16.80	1972.38
				Mar 06	NM	NM
				Jun 06	17.40	1971.78
				Oct 06	17.46	1971.72
				Dec 06	18.01	1971.17
				Mar 07	19.30	1969.88
MW-6	Oct-00	1,988.72	10-32	Oct 00	17.41	1971.31
		1,989.01		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
				Mar 06	NM	NM
				Jun 06	18.80	1970.21
				Oct 06	18.73	1970.28
				Dec 06	19.18	1969.83
				Mar 07	20.40	1968.61

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SUMMARY OF WELL CHARACTERISTICS AND GROUNDWATER ELEVATIONS
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-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
				Mar 06	16.41	1973.84
				Jun 06	16.50	1973.75
				Oct 06	16.50	1973.75
				Dec 06	16.87	1973.38
				Mar 07	18.19	1972.06
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
				Mar 06	NM	NM
				Jun 06	18.89	1975.34
				Oct 06	19.12	1975.11
				Dec 06	19.60	1974.63
				Mar 07	20.56	1973.67
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
				Mar 06	19.25	1964.55
				Jun 06	17.90	1965.90
				Oct 06	19.00	1964.80
				Dec 06	19.21	1964.59
				Mar 07	20.84	1962.96
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
				Mar 06	NM	NM
				Jun 06	NM	NM
				Oct 06	NM	NM
				Dec 06	NM	NM
				Mar 07	25.51	1954.73

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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	1,996.59	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
				Dec 05	14.20	1982.30
				Mar 06	15.00	1981.50
				Jun 06	NM	NM
				Oct 06	14.71	1981.79
				Dec 06	15.05	1981.45
				Mar 07	16.55	1979.95
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
				Mar 06	17.24	1966.96
				Jun 06	17.40	1966.80
				Oct 06	17.15	1967.05
				Dec 06	17.47	1966.73
				Mar 07	18.58	1965.62
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
				Mar 06	17.54	1970.35
				Jun 06	17.61	1970.28
				Oct 06	17.42	1970.47
				Dec 06	17.78	1970.11
				Mar 07	18.93	1968.96
MW-15	Nov-03	1,983.28	15-31	Jan 04	15.60	1967.68
				May 05	12.59	1970.69
				Sept 05	13.45	1969.83
				Dec 05	13.77	1969.51
				Mar 06	15.00	1968.28
				Jun 06	15.15	1968.13
				Oct 06	14.91	1968.37
				Dec 06	15.17	1968.11
				Mar 07	16.31	1966.97

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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-16	Nov-03	1,980.63	19-35	Jan 04	26.22	1954.41
				May 05	23.41	1957.22
				Sept 05	24.12	1956.51
				Dec 05	24.21	1956.42
				Mar 06	25.06	1955.57
				Jun 06	26.05	1954.58
				Oct 06	25.67	1954.96
				Dec 06	25.56	1955.07
				Mar 07	26.33	1954.30
MW-17 (4-inch)	Apr-05	1,990.92	15-30	May 05	15.07	1975.85
				Dec 05	17.05	1973.87
				Mar 06	NM	NM
				Jun 06	NM	NM
				Oct 06	17.91	1973.01
				Dec 06	18.41	1972.51
				Mar 07	19.63	1971.29
MW-18 (4-inch)	Apr-05	1,962.87	5-25	May 05	8.71	1954.16
				Sept 05	9.69	1953.18
				Dec 05	9.70	1953.17
				Mar 06	10.21	1952.66
				Jun 06	11.64	1951.23
				Oct 06	11.21	1951.66
				Dec 06	10.98	1951.89
				Mar 07	11.36	1951.51
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
				Mar 06	NM	NM
				Jun 06	25.55	1954.71
				Oct 06	25.23	1955.03
				Dec 06	25.01	1955.25
				Mar 07	25.77	1954.49
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
				Mar 06	NM	NM
				Jun 06	25.48	1954.51
				Oct 06	25.04	1954.95
				Dec 06	24.85	1955.14
				Mar 07	26.63	1953.36

TABLE 1
SUMMARY OF WELL CHARACTERISTICS AND GROUNDWATER ELEVATIONS
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-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
				Mar 06	23.46	1956.10
				Jun 06	24.68	1954.88
				Oct 06	24.35	1955.21
				Dec 06	24.15	1955.41
				Mar 07	24.87	1954.69
MW-22 (4-inch)	Apr-05	1,974.76	15-35	May 05	23.04	1951.72
				Sept 05	24.18	1950.58
				Dec 05	24.30	1950.46
				Mar 06	24.68	1950.08
				Jun 06	25.91	1948.85
				Oct 06	25.79	1948.97
				Dec 06	25.49	1949.27
				Mar 07	24.73	1950.03
MW-23 (4-inch)	Apr-05	1,962.32	5-25	May 05	13.06	1949.26
				Dec 05	14.05	1948.27
				Mar 06	NM	NM
				Jun 06	15.60	1946.72
				Oct 06	15.48	1946.84
				Dec 06	15.16	1947.16
				Mar 07	15.12	1947.20
MW-24 (4-inch)	Apr-05	1,960.74	5-25	May 05	10.72	1950.02
				Sept 05	11.75	1948.99
				Dec 05	11.65	1949.09
				Mar 06	12.10	1948.64
				Jun 06	13.16	1947.58
				Oct 06	13.06	1947.68
				Dec 06	12.80	1947.94
				Mar 07	12.88	1947.86
MW-25 (4-inch)	Apr-05	1,960.74	5-25	May 05	16.01	1944.73
				Sept 05	17.45	1943.29
				Dec 05	16.85	1943.89
				Mar 06	17.30	1943.44
				Jun 06	18.64	1942.10
				Oct 06	18.75	1941.99
				Dec 06	18.61	1942.13
				Mar 07	17.72	1943.02

TABLE 1
SUMMARY OF WELL CHARACTERISTICS AND GROUNDWATER ELEVATIONS
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-26 (4-inch)	Mar-06	1953.48	10-35	Mar 06	15.60	1937.88
				Jun 06	17.00	1936.48
				Oct 06	17.17	1936.31
				Dec 06	NM	NM
				Mar 07	15.66	1937.82
MW-27 (4-inch)	Mar-06	1944.23	10-35	Mar 06	13.48	1930.75
				Jun 06	18.50	1925.73
				Oct 06	16.16	1928.07
				Dec 06	13.85	1930.38
				Mar 07	12.58	1931.65
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
				Mar 06	18.55	1973.71
				Jun 06	NM	NM
				Oct 06	18.40	1973.86
				Dec 06	19.00	1973.26
				Mar 07	20.19	1972.07

NOTES: All wells are 2-inch diameter PVC casing and screen, unless indicated.
All measurements are in feet. Top of casing elevation is in feet above mean sea level.
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 (^{o}C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)	TDS (g/L)
SHALLOW WELLS								
MW-1	Jan-04	6.97	22.50	3.48	0.93	NM	NM	NM
	May-05	7.02	26.04	3.98	5.43	110	441	NM
	Sep-05	7.08	27.50	4.16	6.99	129	64	2.7
	Dec-05	6.98	26.90	5.10	2.01	404	290	3.2
	Mar-06	**	23.10	5.62	**	545	>999	3.7
	Jun-06	NM	NM	NM	NM	NM	NM	NM
	Oct-06	6.32	26.74	3.71	4.61	129	81	2.4
	Dec-06	6.74	26.86	4.44	5.12	111	>999	2.8
MW-2	Jan-04	7.05	23.20	3.10	1.13	NM	NM	NM
	May-05	6.93	23.40	3.47	4.82	193	698	NM
	Dec-05	6.63	25.40	4.82	2.67	264	360	3.1
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	24.90	3.70	6.98	116	728	2.4
	Oct-06	6.12	24.41	3.48	5.11	161	20	2.2
	Dec-06	6.78	24.53	4.19	4.94	241	28.4	2.7
MW-3	Jan-04	6.87	22.40	2.91	0.97	NM	NM	NM
	May-05	6.99	26.00	2.88	2.54	149	**	NM
	Dec-05	6.55	27.30	4.69	0.88	33	100	3.0
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	26.40	3.76	5.61	-32	285	2.4
	Oct-06	5.91	26.71	3.90	2.04	279	26.2	2.5
	Dec-06	6.69	26.74	4.8	2.89	9	272	3.1
MW-4	Jan-04	6.95	22.00	2.71	1.23	NM	NM	NM
	May-05	6.83	24.20	3.73	3.68	160	664	NM
	Dec-05	6.68	25.90	4.90	3.22	219	670	3.1
	Mar-06	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)
	Jun-06	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)
	Oct-06	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)
	Dec-06	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)	NM(1)
MW-5	Jan-04	6.72	22.30	2.61	1.20	NM	NM	NM
	May-05	7.09	25.40	2.59	4.56	184	**	NM
	Dec-05	6.78	26.80	5.28	1.51	377	>999	3.3
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	26.60	3.80	6.93	126	>999	2.4
	Oct-06	6.23	26.68	3.51	4.82	99	21.3	2.2
	Dec-06	6.81	26.46	4.49	5.36	93	134	2.9

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

Well ID	Sample Date	pH	Temperature (^{o}C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)	TDS (g/L)
MW-6	Jan-04	6.97	22.40	2.31	1.19	NM	NM	NM
	May-05	6.91	25.90	2.35	2.81	123	**	NM
	Sep-05	6.99	26.90	3.95	6.23	-119	34	2.3
	Dec-05	6.80	26.50	4.86	1.10	163	220	3.2
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	26.70	4.00	6.34	172	707	2.4
	Oct-06	6.27	26.47	3.55	4.12	61	6.5	2.3
	Dec-06	6.69	26.22	4.23	4.37	239	96.1	2.7
MW-7	Jan-04	7.00	22.40	2.23	0.93	NM	NM	NM
	May-05	7.10	24.79	1.79	4.03	129	**	NM
	Sep-05	6.97	26.60	4.62	6.22	144	140	3.0
	Dec-05	6.67	23.80	5.33	1.80	472	5	3.4
	Mar-06	4.67	22.40	6.71	**	634	428	4.2
	Jun-06	**	26.20	4.12	6.58	-14	>999	2.6
	Oct-06	6.24	25.03	3.68	4.41	92	>999	2.3
	Dec-06	6.86	25.11	4.8	5.72	65	>999	3.0
MW-8	Jan-04	6.99	22.00	2.16	1.04	NM	NM	NM
	May-05	7.03	27.70	1.75	3.64	107	**	NM
	Dec-05	6.68	24.10	4.24	2.08	483	>999	2.7
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	27.40	3.66	6.92	185	>999	2.3
	Oct-06	6.24	26.73	3.44	5.86	108	>999	2.2
	Dec-06	6.91	27.01	4.27	6.96	103	>999	2.7
MW-10	Jan-04	7.00	24.40	3.13	1.03	NM	NM	NM
	May-05	6.82	28.10	3.20	1.46	-253	25.3	NM
	Sep-05	6.96	27.90	2.90	3.89	-239	28	1.9
	Dec-05	6.69	23.90	3.66	1.47	-140	57	2.3
	Mar-06	5.73	21.30	1.77	**	-154	153	1.2
	Jun-06	**	28.10	2.10	3.54	-303	>999	1.5
	Oct-06	6.16	27.11	1.37	1.58	-272	86	0.9
	Dec-06	6.82	26.58	3.9	3.94	-321	144	2.5
MW-11	Jan-04	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]
	May-05	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]
	Mar-06	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]
	Jun-06	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]
	Oct-06	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]
	Dec-06	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]	NM[(2)]

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

Well ID	Sample Date	pH	Temperature (^{o}C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)	TDS (g/L)
MW-12	Jan-04	6.99	22.40	2.15	NM	NM	NM	NM
	May-05	6.76	24.90	2.58	3.22	219	**	NM
	Sep-05	7.03	25.60	4.22	4.96	95	160	2.7
	Dec-05	6.68	22.50	4.98	2.00	523	210	3.2
	Mar-06	**	23.50	6.65	**	503	90.8	4.2
	Jun-06	NM	NM	NM	NM	NM	NM	NM
	Oct-06	6.32	26.13	3.94	3.88	112	>999	2.5
	Dec-06	6.61	25.25	4.38	6.15	206	>999	2.8
MW-13	Jan-04	6.61	22.20	3.29	1.07	NM	NM	NM
	May-05	6.97	24.50	2.06	4.16	118	>999	NM
	Sep-05	7.07	25.40	3.95	6.85	144	270	2.5
	Dec-05	6.70	24.90	5.03	2.19	250	330	3.2
	Mar-06	5.45	22.80	3.64	**	68	44.1	2.3
	Jun-06	**	24.20	3.72	7.11	120	425	2.4
	Oct-06	6.16	24.64	3.63	3.84	169	49.5	2.3
	Dec-06	6.75	24.53	4.25	4.17	330	93.6	2.7
	Mar-07	6.87	24.00	3.51	9.46	514	308	2.3
MW-14	Jan-04	6.99	22.30	2.27	1.30	NM	NM	NM
	May-05	6.95	24.70	3.23	NM	140	NM	NM
	Dec-05	6.78	26.10	5.31	2.07	206	>999	3.3
	Mar-06	5.23	24.20	6.76	**	234	898	4.3
	Jun-06	**	25.40	3.93	6.75	119	>999	2.5
	Oct-06	6.06	24.76	3.55	6.96	297	>999	2.3
	Dec-06	6.76	25.65	4.5	4.18	226	350	2.9
	Mar-07	6.82	25.10	3.71	8.08	501	455	2.4
MW-15	Jan-04	6.35	22.40	2.20	1.00	NM	NM	NM
	May-05	6.99	25.06	2.33	2.85	164	**	NM
	Sep-05	6.97	25.80	3.57	3.48	-24	36	2.3
	Dec-05	6.58	25.90	4.45	1.03	-38	140	2.8
	Mar-06	4.70	23.90	6.40	**	613	19.5	4.0
	Jun-06	**	26.00	3.84	4.26	106	300	2.5
	Oct-06	6.17	25.72	3.66	2.01	51	10	2.3
	Dec-06	6.78	25.85	4.68	3.44	28	15.4	3.0

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

Well ID	Sample Date	pH	Temperature (^{o}C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)	TDS (g/L)
MW-16	Jan-04	6.97	22.40	2.31	0.68	NM	NM	NM
	May-05	7.12	25.20	2.88	1.10	-4	**	NM
	Sep-05	7.00	24.60	3.42	3.50	-31	520	2.3
	Dec-05	6.74	25.30	3.76	1.30	48	>999	2.4
	Mar-06	5.15	23.80	5.74	**	162	199	3.6
	Jun-06	**	27.10	3.44	5.56	-64	>999	2.2
	Oct-06	6.25	24.60	3.39	2.00	-145	31.5	2.2
	Dec-06	6.52	24.39	3.62	2.87	-52	271	1.3
MW-17*	May-05	6.92	24.10	3.49	5.94	181	21.7	NM
	Dec-05	6.90	26.80	4.65	2.30	240	6	3.0
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	NM	NM	NM	NM	NM	NM	NM
	Oct-06	6.22	24.91	3.45	7.36	174	1.8	2.2
	Dec-06	6.86	24.08	4.14	6.81	386	24.7	2.7
	Mar-07	7.00	24.30	3.56	8.12	350	87.1	2.3
MW-18*	May-05	7.10	24.30	3.86	5.56	139	>999	NM
	Sep-05	7.10	26.30	4.12	6.21	88	3	2.6
	Dec-05	6.79	25.20	4.73	1.98	420	**	3.0
	Mar-06	5.17	23.30	6.21	**	237	3.1	3.9
	Jun-06	**	25.40	3.61	6.18	166	304	2.3
	Oct-06	6.30	25.54	3.47	4.06	127	0	2.2
	Dec-06	6.80	24.69	4.16	4.3	297	0	2.7
	Mar-07	7.01	22.80	3.44	7.53	286	22.6	2.2
MW-19	Jan-04	6.99	22.40	1.90	1.02	NM	NM	NM
	May-05	7.13	25.03	1.86	5.76	130	**	NM
	Dec-05	6.64	24.70	4.74	1.95	388	**	3.0
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	27.10	3.69	7.86	86	>999	2.4
	Oct-06	6.10	23.91	3.69	4.60	175	>999	2.4
	Dec-06	6.80	23.91	4.38	5.7	595	>999	2.8
	Mar-07	6.93	24.30	3.66	9.08	284	999	2.3
MW-20	Jan-04	6.94	22.60	2.07	1.11	NM	NM	NM
	May-05	7.16	23.56	1.32	4.97	131	**	NM
	Dec-05	6.76	20.50	4.37	0.77	272	**	2.8
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	28.60	3.82	6.91	70	736	2.1
	Oct-06	6.13	23.66	2.63	4.11	234	>999	1.8
	Dec-06	6.79	23.86	4.11	4.34	245	284	2.6
	Mar-07	6.92	23.80	3.34	9.84	530	999	2.2

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

Well ID	Sample Date	pH	Temperature (^{o}C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)	TDS (g/L)
MW-21	Jan-04	6.91	22.30	2.04	1.08	NM	NM	NM
	May-05	7.07	24.59	2.82	2.88	131	**	NM
	Sep-05	7.06	25.80	4.66	4.07	109	39	2.6
	Dec-05	6.64	24.30	4.60	0.54	264	>999	2.9
	Mar-06	5.52	23.00	3.58	**	309	140	2.3
	Jun-06	**	28.50	3.50	4.73	112	>999	2.3
	Oct-06	6.24	24.11	3.46	1.99	79	>999	2.2
	Dec-06	6.74	24.02	4.48	2.72	89	617	2.9
MW-22*	May-05	6.79	24.14	3.89	1.68	46	474	NM
	Sep-05	6.90	23.90	4.25	7.16	46	10	2.7
	Dec-05	6.42	24.60	4.20	1.31	213	**	2.7
	Mar-06	4.79	24.00	6.09	**	269	30	3.8
	Jun-06	**	26.40	3.39	5.96	376	287	2.2
	Oct-06	5.98	23.79	3.74	2.43	141	11.4	2.4
	Dec-06	6.48	23.50	4.48	3.52	477	0	2.9
MW-23*	May-05	7.00	24.50	3.63	2.56	121	**	NM
	Dec-05	6.71	24.90	4.91	2.13	320	**	3.1
	Mar-06	NM	NM	NM	NM	NM	NM	NM
	Jun-06	**	23.80	3.68	5.77	238	318	2.3
	Oct-06	6.27	23.95	3.50	2.51	107	0	2.2
	Dec-06	6.79	24.15	4.21	3.2	2	0	2.7
	Mar-07	NM	NM	NM	NM	NM	NM	NM
MW-24*	May-05	6.97	23.09	3.56	1.48	76	>999	NM
	Sep-05	7.00	25.80	3.83	3.62	5	25	2.4
	Dec-05	6.56	25.60	4.46	1.04	183	29	2.7
	Mar-06	4.70	22.60	6.02	**	503	0.8	3.8
	Jun-06	**	25.10	3.44	5.11	132	201	2.2
	Oct-06	6.17	25.51	3.20	1.22	-23	0	2.0
	Dec-06	6.85	25.11	4.13	2.56	62	0	2.6
MW-25*	May-05	7.03	23.60	4.00	4.34	141	>999	NM
	Sep-05	7.01	26.20	4.18	5.10	57	30	2.7
	Dec-05	6.63	24.70	5.28	1.35	417	0	3.3
	Mar-06	5.15	23.60	6.67	**	255	94	4.2
	Jun-06	**	23.50	3.93	5.74	376	228	2.5
	Oct-06	6.23	23.59	3.72	3.08	106	0	2.4
	Dec-06	6.74	23.93	4.45	3.75	429	0	2.8
	Mar-07	7.02	23.30	3.72	7.45	258	-10	2.4

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

Well ID	Sample Date	pH	Temperature (^{o}C)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (ntu)	TDS (g/L)
MW-26	Mar-06	6.83	23.80	3.75	2.59	158	0	2.4
	Jun-06	**	24.10	2.32	4.83	305	229	1.5
	Oct-06	6.18	23.71	3.72	2.91	180	0	2.4
	Dec-06	NM	NM	NM	NM	NM	NM	NM
	Mar-07	6.99	23.50	3.76	7.14	422	-10	2.4
MW-27	Mar-06	6.83	21.90	3.28	2.44	142	0	2.1
	Jun-06	**	26.10	3.67	4.57	69	626	2.3
	Oct-06	6.20	22.24	3.32	2.84	155	0	2.1
	Dec-06	6.81	22.22	4.02	4.48	444	507	2.6
	Mar-07	6.97	21.90	3.25	6.96	181	83.3	2.1
Average		6.62	24.72	3.80	3.90	173	191	3
INTERMEDIATE WELL								
MW-9	Jan-04	6.99	22.60	2.50	1.18	NM	NM	NM
	May-05	7.14	26.12	2.68	7.56	130	296	NM
	Sep-05	7.17	27.10	1.81	6.58	111	4	1.2
	Dec-05	6.88	26.60	2.45	2.49	123	33	1.6
	Mar-06	5.06	25.90	2.08	**	496	-1.1	1.3
	Jun-06	NM	NM	NM	NM	NM	NM	NM
	Oct-06	6.30	25.71	2.38	4.11	86	0	1.5
	Dec-06	6.81	25.46	2.96	5.09	233	0	1.9
Average		6.62	25.64	2.41	4.50	197	55	1.5

NOTES: * = Wells installed in Apr 2005. ** = Instrument failure. NM = Not Measured.
(1) = Monitoring Well MW-4 was not sampled due to blockage in well casing.
(2) = Monitoring Well MW-11 was not sampled due to detection of floating hydrocarbons in the well.
^{o}C = 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-Dichlorethene
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
	Mar 06	420	ND	ND
	Jun 06	NS	NS	NS
	Oct 06	1,100	ND	ND
	Dec 06	1,300	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
	Mar 06	NS	NS	NS
	Jun 06	1,600	ND	ND
	Oct 06	1,900	ND	ND
	Dec 06	1,300	ND	ND
MW-3	Oct 00	98	ND	ND
	Sep 02	ND	ND	ND
	May 03	6.9	ND	ND
	Sep 03	12	ND	ND
	Nov 03	-	-	-
	Jan 04	6.7	ND	ND
	May 05	ND	ND	ND
	Dec 05	ND	ND	ND
	Mar 06	NS	NS	NS
	Jun 06	ND	ND	ND
	Oct 06	ND	ND	ND
	Dec 06	1.2	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	-	-	-

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-4	Jan 04	220	ND	ND
	May 05	25	ND	ND
	Dec 05	15	ND	ND
	Mar 06	NS	NS	NS
	Jun 06	27	ND	ND
	Oct 06	NS(1)	NS(1)	NS(1)
	Dec 06	NS(1)	NS(1)	NS(1)
MW-5	Oct 00	100	ND	NS(1)
	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
	Mar 06	NS	NS	NS
	Jun 06	220	ND	ND
	Oct 06	67	ND	ND
	Dec 06	130	ND	ND
MW-6	Oct 00	2,200	13	8.1
	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
	Mar 06	NS	NS	NS
	Jun 06	1,100	ND	ND
	Oct 06	1,300	ND	ND
	Dec 06	810	9.9	8.9
MW-7	Sep 02	ND	ND	ND
	May 03	1.7	ND	ND
	Sep 03	2.0	ND	ND
	Nov 03	-	-	-
	Jan 04	11	ND	ND
	May 05	ND	ND	ND
	Sep 05	3.3	ND	ND
	Dec 05	1.2	ND	ND
	Mar 06	1.5	ND	ND
	Jun 06	2.2	ND	ND
	Oct 06	2.9	ND	ND
	Dec 06	2.1	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-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
	Mar 06	NS	NS	NS
	Jun 06	2.6	ND	ND
	Oct 06	3.4	ND	ND
	Dec 06	4.3	ND	ND
MW-10	Sep 02	ND	ND	ND
	May 03	ND	ND	ND
	Sep 03	15	ND	ND
	Nov 03	-	-	-
	Jan 04	ND	ND	ND
	May 05	ND	ND	ND
	Sep 05	ND	ND	ND
	Dec 05	ND	ND	ND
	Mar 06	ND	ND	ND
	Jun 06	ND	ND	ND
	Oct 06	ND	ND	ND
	Dec 06	1.0	ND	ND
MW-11	Sep 02	ND	ND	ND
	May 03	ND	ND	ND
	Sep 03	NS(2)	NS(2)	NS(2)
	Nov 03	NS(2)	NS(2)	NS(2)
	Jan 04	NS(2)	NS(2)	NS(2)
	May 05	NS(2)	NS(2)	NS(2)
	Dec 05	NS(2)	NS(2)	NS(2)
	Mar 06	NS(2)	NS(2)	NS(2)
	Jun 06	NS(2)	NS(2)	NS(2)
	Oct 06	NS(2)	NS(2)	NS(2)
	Dec 06	NS(2)	NS(2)	NS(2)
MW-12	Sep 02	ND	ND	ND
	May 03	1.3	ND	ND
	Sep 03	14	ND	ND
	Nov 03	-	-	-
	Jan 04	6.1	ND	ND
	May 05	ND	ND	ND
	Sep 05	1.1	ND	ND
	Dec 05	1.2	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	Mar 06	1.1	ND	ND
	Jun 06	NS	NS	NS
	Oct 06	ND	ND	ND
	Dec 06	1.4	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
	Mar 06	3,700	ND	ND
	Jun 06	2,900	ND	ND
	Oct 06	2,800	ND	ND
	Dec 06	3,200	ND	ND
	Mar 07	2,500	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
	Mar 06	2,500	ND	ND
	Jun 06	1,800	ND	ND
	Oct 06	1,900	ND	ND
	Dec 06	3,500	ND	ND
	Mar 07	1,900	ND	ND
MW-15	Nov 03	5.2	ND	ND
	Jan 04	2.7	ND	ND
	May 05	ND	ND	ND
	Sep 05	3.6	ND	ND
	Dec 05	5.0	ND	ND
	Mar 06	4.5	ND	ND
	Jun 06	4.4	ND	ND
	Oct 06	3.3	ND	ND
	Dec 06	3.7	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
	Mar 06	ND	ND	ND
	Jun 06	ND	ND	ND
	Oct 06	ND	ND	ND
	Dec 06	ND	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-17	May 05	520	ND	ND
	Dec 05	470	ND	ND
	Mar 06	NS	NS	NS
	Jun 06	NS	NS	NS
	Oct 06	1,300	ND	ND
	Dec 06	710	ND	ND
	Mar 07	440	ND	ND
MW-18	May 05	1,600	ND	ND
	Sep 05	1,700	ND	ND
	Dec 05	2,400	ND	ND
	Mar 06	1,700	ND	ND
	Jun 06	1,600	ND	ND
	Oct 06	2,100	ND	ND
	Dec 06	1,400	ND	ND
	Mar 07	1,400	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
	Mar 06	NS	NS	NS
	Jun 06	910	ND	ND
	Oct 06	840	ND	ND
	Dec 06	1,200	ND	ND
	Mar 07	890	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
	Mar 06	NS	NS	NS
	Jun 06	2,100	ND	ND
	Oct 06	2,000	ND	ND
	Dec 06	2,500	ND	ND
	Mar 07	1,500	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
	Mar 06	43	ND	ND
	Jun 06	32	ND	ND
	Oct 06	23	ND	ND
	Dec 06	39	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-22	May 05	ND	ND	ND
	Sep 05	ND	ND	ND
	Dec 05	1.0	ND	ND
	Mar 06	ND	ND	ND
	Jun 06	ND	ND	ND
	Oct 06	ND	ND	ND
	Dec 06	ND	ND	ND
MW-23	May 05	1,430	ND	ND
	Dec 05	1,900	ND	ND
	Mar 06	NS	NS	NS
	Jun 06	1,500	ND	ND
	Oct 06	2,000	ND	ND
	Dec 06	2,100	ND	ND
	Mar 07	2,100	ND	ND
MW-24	May 05	ND	ND	ND
	Sep 05	4.3	ND	ND
	Dec 05	6.7	ND	ND
	Mar 06	6.5	ND	ND
	Jun 06	5.6	ND	ND
	Oct 06	2.6	ND	ND
	Dec 06	2.6	ND	ND
MW-25	May 05	993	ND	ND
	Sep 05	920	ND	ND
	Dec 05	1,000	ND	ND
	Mar 06	970	ND	ND
	Jun 06	960	ND	ND
	Oct 06	1,300	ND	ND
	Dec 06	1,200	ND	ND
	Mar 07	670	ND	ND
MW-26	Mar 06	730	ND	ND
	Jun 06	770	ND	ND
	Oct 06	1,100	ND	ND
	Dec 06	NS	NS	NS
	Mar 07	790	ND	ND
MW-27	Mar 06	220	ND	ND
	Jun 06	350	ND	ND
	Oct 06	380	ND	ND
	Dec 06	380	ND	ND
	Mar 07	160	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
INTERMEDIATE WELL				
MW-9	Sep 02	670	ND	ND
	May 03	59	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
	Mar 06	ND	ND	ND
	Jun 06	NS	NS	NS
	Oct 06	160	ND	ND
	Dec 06	45	ND	ND

NOTES: ND = Non-Detect. NS = Not Sampled. ' - ' cells indicate no data available.
(1) = Monitoring Well MW-4 was not sampled due to blockage in well casing.
(2) = 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.

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	3.7	0.057	180	8.8	1,800	230	6.0
	Dec 05	5.0	0.027	200	8.1	1,800	190	1.7
	Mar 06	24.0	0.230	170	8.4	1,600	250	3.8
	Jun 06	NS	NS	NS	NS	NS	NS	NS
	Oct 06	5.1	0.044	210	8.4	1,900	220	2.8
	Dec 06	20.0	0.24	NA	7.3	NA	NA	2.4
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	19.0	0.690	170	6.1	1,700	260	3.6
	Dec 05	7.0	0.110	190	5.9	1,600	220	1.6
	Mar 06	7.7	0.200	240	7.0	1,500	220	1.7
	Jun 06	15.0	0.490	190	7.9	1,600	230	1.7
	Oct 06	20.0	0.480	190	6.2	1,700	220	2.7
	Dec 06	12.0	0.33	200	6.1	1,700	210	2.1
	Mar 07	9.7	0.27	220	5.9	1,500	210	1.7
MW-18	Sep 05	0.9	0.020	160	5.4	1,800	240	3.3
	Dec 05	3.7	0.015	180	4.7	1,600	200	1.4
	Mar 06	2.6	0.012	150	5.4	1,500	220	1.4
	Jun 06	1.9	ND	200	5.8	1,900	220	1.4
	Oct 06	2.1	0.011	180	5.2	1,900	210	1.7
	Dec 06	2.8	0.019	180	5.0	1,600	210	1.6
	Mar 07	38.0	0.48	160	4.7	1,500	220	1.5
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	1.2	0.020	170	4.5	1,900	300	4.4
	Dec 05	3.0	ND	190	4.5	1,900	230	1.3
	Mar 06	3.4	0.018	160	5.2	1,600	240	2.0
	Jun 06	2.1	0.006	220	5.7	1,900	230	1.9
	Oct 06	3.2	0.020	200	5.2	1,900	280	2.0
	Dec 06	2.6	0.0074	200	4.8	2,000	260	1.7
	Mar 07	6.0	0.059	190	4.5	1,700	240	1.7
Average		8.5	0.156	190	6.9	1,697	215	2.5

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
INTERMEDIATE WELL								
MW-9	May 05	ND	ND	110	5.2	1,094	ND	2.1

NOTES: ND = Non-Detect. NA = Not Analyzed.
mg/L is milligrams per liter.
The shallow wells are approximately 25 ft. deep; The intermediate well is 30-40 ft. deep.

FIGURES

Source: Clark County Assessors Web Site
Scale: 200 feet

N

URS

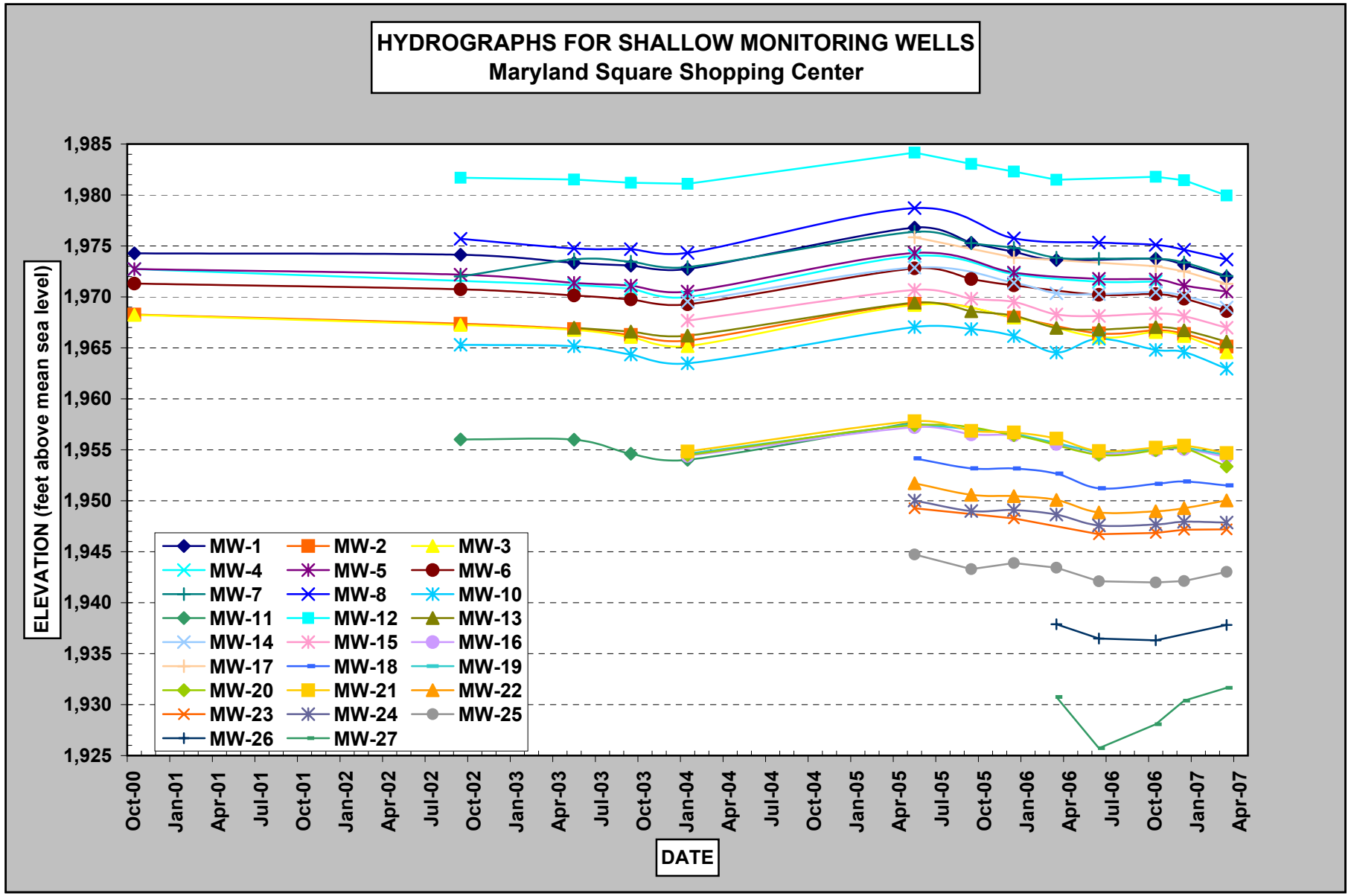
SITE LOCATION MAP

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

1st Quarter 2007
Job No. 26698724

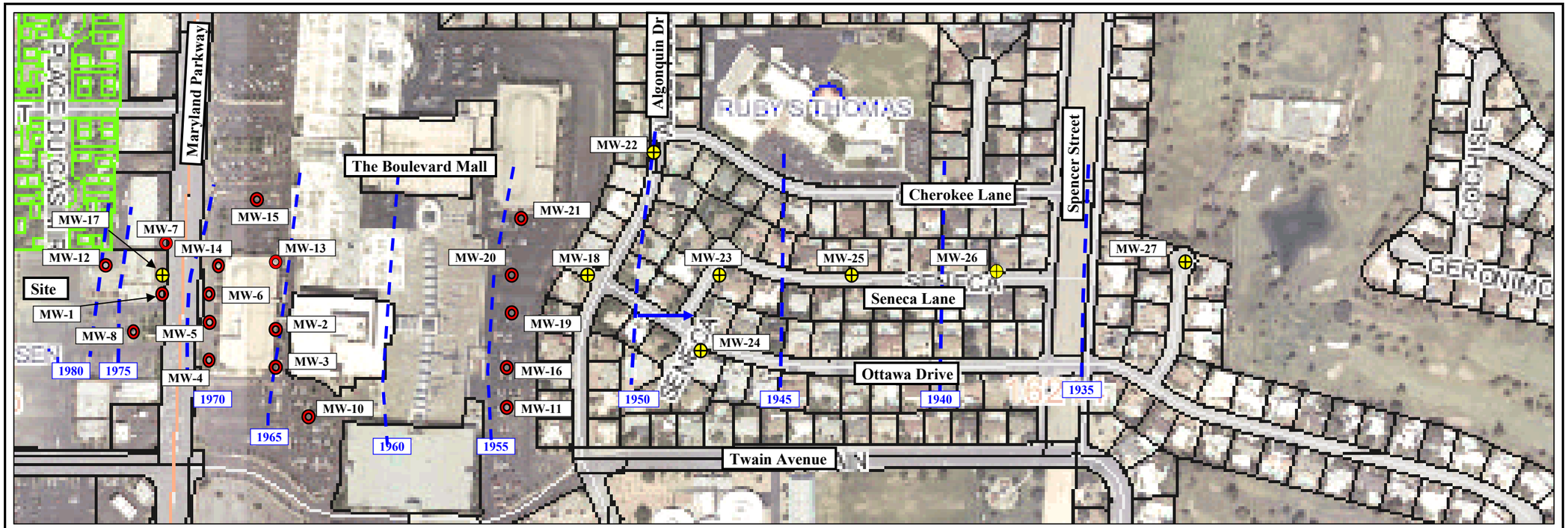
MS 1st Qtr 07 Fig 1.ppt FIGURE 1

FIGURE 2



URS Corporation
Job No. 26698724
P:\AlPhillips\Maryland Square\MS Mar 2007 Report\MS 1st Qtr 07 Tbl-1 Fig 2

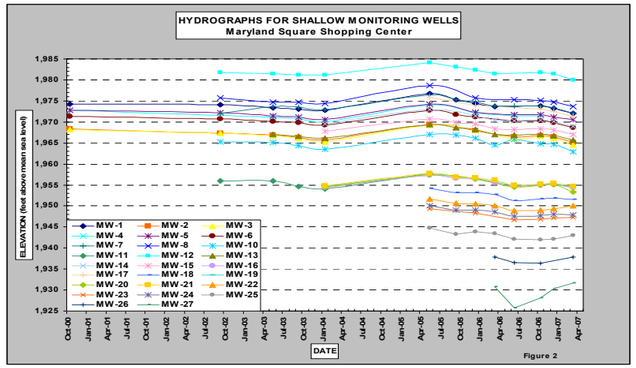
Al Phillips the Cleaner
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, NV



Groundwater Elevations In Monitoring Wells (1st Quarter 2007)

Well	Elevation	Well	Elevation	Well	Elevation
MW-1	1971.96	MW-12	1979.95	MW-22	1950.03
MW-2	1965.13	MW-13	1965.62	MW-23	1947.20
MW-3	1964.57	MW-14	1968.96	MW-24	1947.86
MW-4	NM	MW-15	1966.97	MW-25	1943.02
MW-5	1969.88	MW-16	1954.30	MW-26	1937.82
MW-6	1968.61	MW-17	1971.29	MW-27	1931.65
MW-7	1972.06	MW-18	1951.51	Intermediate Well	
MW-8	1973.67	MW-19	1954.49	Well	Elevation
MW-10	1962.96	MW-20	1953.36	MW-9	1972.07
MW-11	1954.73	MW-21	1954.69		

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



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

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

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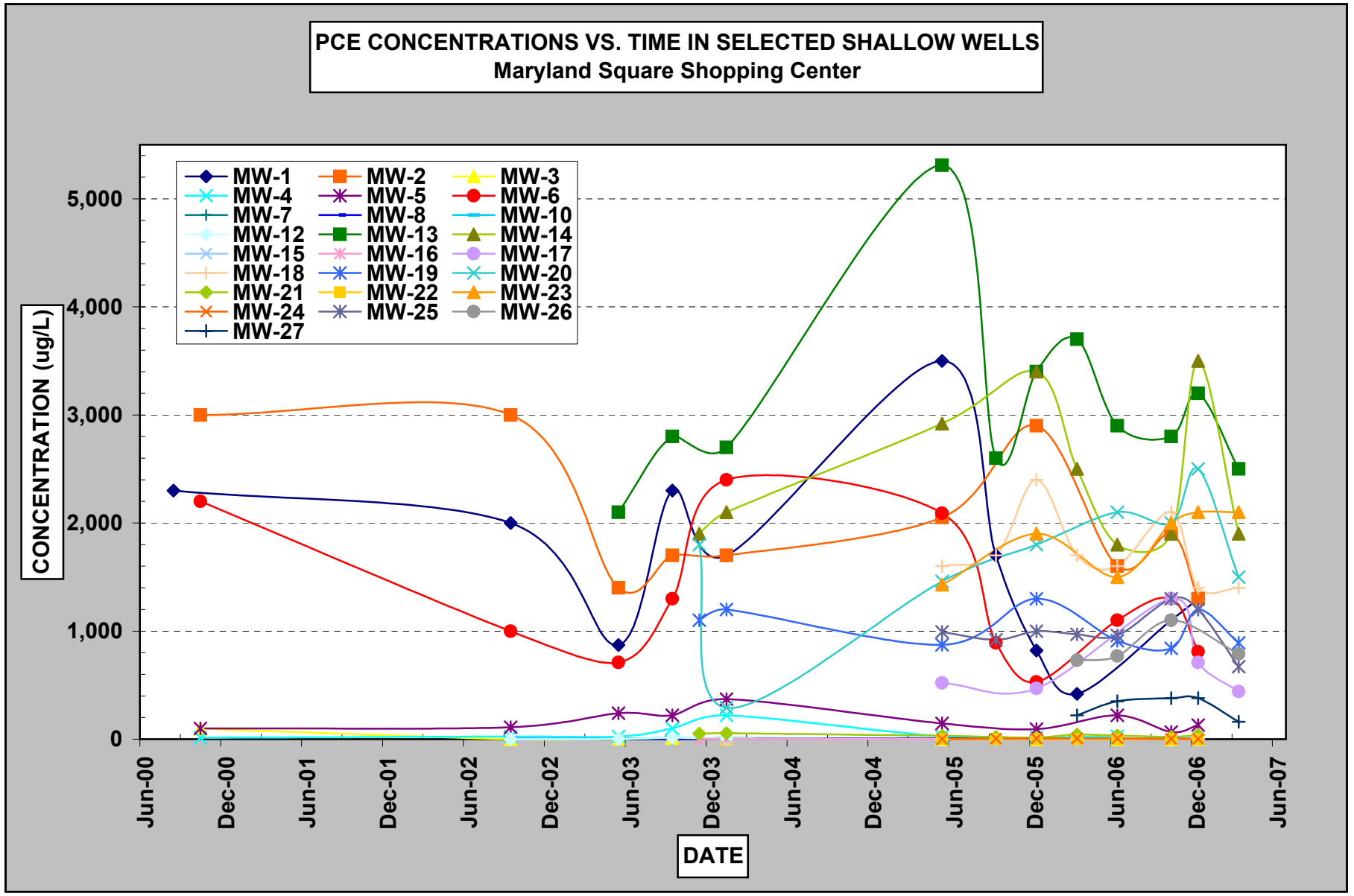
GROUNDWATER ELEVATION CONTOURS FOR SHALLOW WELLS

1st Quarter 2007
Al Phillips The Cleaner
Quarterly Groundwater Sampling
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

1st Quarter 2007
Job No. 26698724
MS 1st Qtr 07 Fig3.ppt

FIGURE 3

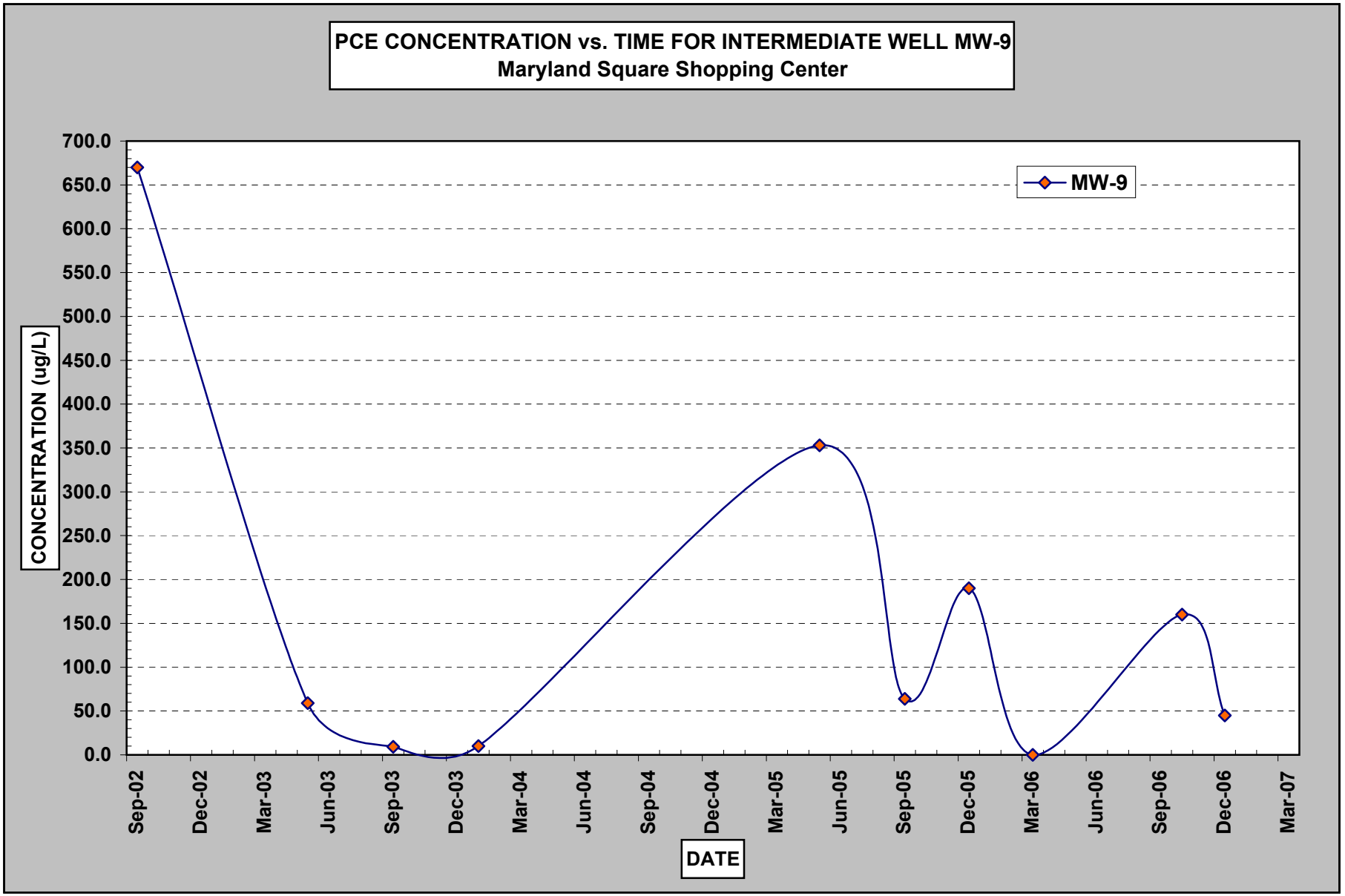
FIGURE 4A



URS Corporation
Job No. 26698724
P:\AlPhillips\Maryland Square\MS Mar 2007 Report\MS 1st Qtr 07 Tbl-3 Fig 4A4B

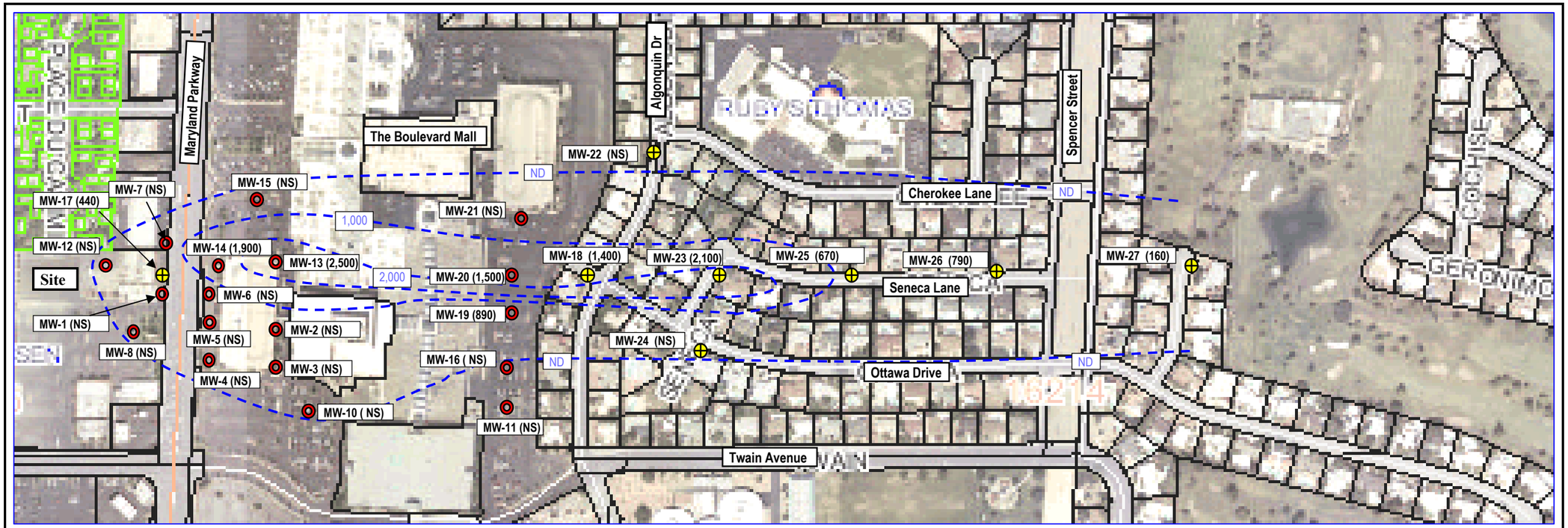
Al Phillips the Cleaner
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, NV

FIGURE 4B



URS Corporation
Job No. 26698724
P:\AlPhillips\Maryland Square\MS Mar 2007 Report\MS 1st Qtr 07 Tbl-3 Fig 4A4B

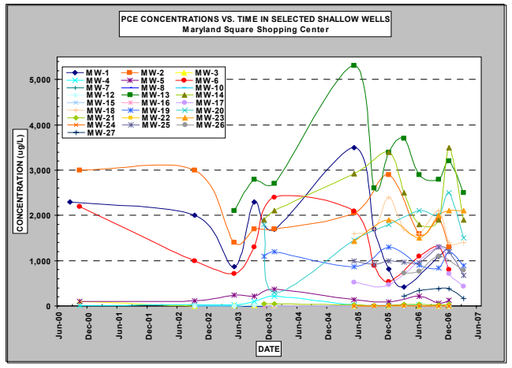
Al Phillips the Cleaner
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, NV

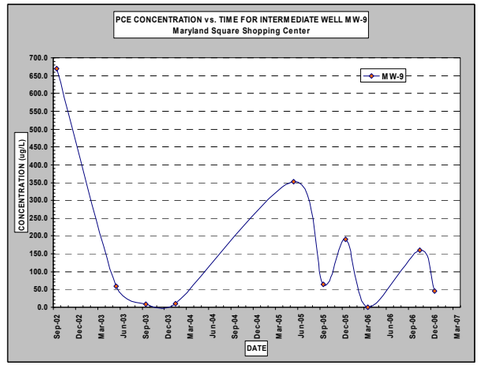


Concentrations of PCE in Monitoring Wells (1st Quarter 2007)

Well	Concentration	Well	Concentration	Well	Concentration
MW-1	NS	MW-12	NS	MW-22	NS
MW-2	NS	MW-13	2,500	MW-23	2,100
MW-3	NS	MW-14	1,900	MW-24	NS
MW-4	NS	MW-15	NS	MW-25	670
MW-5	NS	MW-16	NS	MW-26	790
MW-6	NS	MW-17	440	MW-27	160
MW-7	NS	MW-18	1,400	Intermediate Well	
MW-8	NS	MW-19	890	Well	Concentration
MW-10	NS	MW-20	1,500	MW-9	NS
MW-11	NS	MW-21	NS		

Concentrations are in micrograms per liter (ug/L). Federal MCL for PCE in drinking water is 5 ug/L. NS = Not Sampled. ND = Non-Detect.





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

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). NS = Not Sampled. ND = Non-Detect.
- Approximate Concentration Contour of PCE in Groundwater.

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SHALLOW MONITORING WELL PCE CONCENTRATIONS AND CONTOURS

1st Quarter 2007
Al Phillips The Cleaner
Quarterly Groundwater Sampling
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

1st Quarter 2007
Job No. 26698724
MS 1st Qtr 07 Fig5.ppt

FIGURE 5

APPENDIX
Laboratory Reports and Chain-of-Custody Forms

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
811 Grier Dr.
Las Vegas, NV 89119

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149
Date Received : 03/15/07

Job#: 26698724

Alkalinity
EPA Method 310.1

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	**MW-25**					
Lab ID :	URS07031553-04A	Alkalinity, Total (As CaCO3 at pH 4.5)	240	1.0 mg/L	03/13/07	03/28/07
Client ID :	**MW-18**					
Lab ID :	URS07031553-06A	Alkalinity, Total (As CaCO3 at pH 4.5)	220	1.0 mg/L	03/13/07	03/28/07
Client ID :	**MW-13**					
Lab ID :	URS07031553-09A	Alkalinity, Total (As CaCO3 at pH 4.5)	210	1.0 mg/L	03/13/07	03/28/07

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4/9/07
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
811 Grier Dr.
Las Vegas, NV 89119

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149
Date Received : 03/15/07

Job#: 26698724

Anions by IC
EPA Method 300.0 / 9056

	Parameter	Concentration	Reporting Limit	Date / Time Sampled	Date / Time Analyzed
Client ID : **MW-25**	Nitrate (NO3) - N	4.5	0.25 mg/L	03/13/07 10:52	03/15/07 10:52
Lab ID : URS07031553-04A					
Client ID : **MW-18**	Nitrate (NO3) - N	4.7	0.25 mg/L	03/13/07 13:43	03/15/07 12:06
Lab ID : URS07031553-06A					
Client ID : **MW-13**	Nitrate (NO3) - N	5.9	0.25 mg/L	03/13/07 15:52	03/15/07 12:25
Lab ID : URS07031553-09A					

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ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

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

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	**MW-25**					
Lab ID :	URS07031553-04A	Chloride	190	2.5 mg/L	03/13/07	03/15/07
		Sulfate (SO4)	1,700	25 mg/L	03/13/07	03/15/07
Client ID :	**MW-18**					
Lab ID :	URS07031553-06A	Chloride	160	2.5 mg/L	03/13/07	03/15/07
		Sulfate (SO4)	1,500	25 mg/L	03/13/07	03/15/07
Client ID :	**MW-13**					
Lab ID :	URS07031553-09A	Chloride	220	2.5 mg/L	03/13/07	03/15/07
		Sulfate (SO4)	1,500	25 mg/L	03/13/07	03/15/07

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Attn: Holly Woodward
Phone: (702) 492-7922
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Date Received : 03/15/07

Job#: 26698724

Metals by ICPMS
EPA Method SW6020

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	**MW-25**					
Lab ID :	URS07031553-04A	Manganese (Mn)	0.059	0.0050 mg/L	03/13/07	03/19/07
		Iron (Fe)	6.0	0.30 mg/L	03/13/07	03/19/07
Client ID :	**MW-18**					
Lab ID :	URS07031553-06A	Manganese (Mn)	0.48	0.0050 mg/L	03/13/07	03/19/07
		Iron (Fe)	38	0.30 mg/L	03/13/07	03/19/07
Client ID :	**MW-13**					
Lab ID :	URS07031553-09A	Manganese (Mn)	0.27	0.0050 mg/L	03/13/07	03/19/07
		Iron (Fe)	9.7	0.30 mg/L	03/13/07	03/19/07

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Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149
Date Received 03/15/07

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-25**					
Lab ID :	URS07031553-04A	Total Organic Carbon	1.7	1.0 mg/L	03/13/07	03/19/07
Client ID :	**MW-18**					
Lab ID :	URS07031553-06A	Total Organic Carbon	1.5	1.0 mg/L	03/13/07	03/19/07
Client ID :	**MW-13**					
Lab ID :	URS07031553-09A	Total Organic Carbon	1.7	1.0 mg/L	03/13/07	03/19/07

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ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-01A
Client I.D. Number: MW-27

Sampled: 03/12/07
Received: 03/15/07
Analyzed: 03/19/07

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	2.0	µg/L
2	Chloromethane	ND	8.0	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	6.8	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	160	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	1.3	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	84		%REC
61	Surr: Toluene-d8	99		%REC
62	Surr: 4-Bromofluorobenzene	116		%REC

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

ND = Not Detected

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ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-02A
Client I.D. Number: MW-17

Sampled: 03/12/07
Received: 03/15/07
Analyzed: 03/19/07

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	5.0	µg/L	36 Bromoform	ND	5.0	µg/L
2	Chloromethane	ND	20	µg/L	37 Styrene	ND	5.0	µg/L
3	Vinyl chloride	ND	5.0	µg/L	38 o-Xylene	ND	2.5	µg/L
4	Chloroethane	ND	5.0	µg/L	39 1,1,2,2-Tetrachloroethane	ND	5.0	µg/L
5	Bromomethane	ND	20	µg/L	40 1,2,3-Trichloropropane	ND	20	µg/L
6	Trichlorofluoromethane	ND	5.0	µg/L	41 Isopropylbenzene	ND	5.0	µg/L
7	1,1-Dichloroethene	ND	5.0	µg/L	42 Bromobenzene	ND	5.0	µg/L
8	Dichloromethane	ND	20	µg/L	43 n-Propylbenzene	ND	5.0	µg/L
9	trans-1,2-Dichloroethene	ND	5.0	µg/L	44 4-Chlorotoluene	ND	5.0	µg/L
10	1,1-Dichloroethane	ND	5.0	µg/L	45 2-Chlorotoluene	ND	5.0	µg/L
11	cis-1,2-Dichloroethene	ND	5.0	µg/L	46 1,3,5-Trimethylbenzene	ND	5.0	µg/L
12	Bromochloromethane	ND	5.0	µg/L	47 tert-Butylbenzene	ND	5.0	µg/L
13	Chloroform	ND	5.0	µg/L	48 1,2,4-Trimethylbenzene	ND	5.0	µg/L
14	2,2-Dichloropropane	ND	5.0	µg/L	49 sec-Butylbenzene	ND	5.0	µg/L
15	1,2-Dichloroethane	ND	5.0	µg/L	50 1,3-Dichlorobenzene	ND	5.0	µg/L
16	1,1,1-Trichloroethane	ND	5.0	µg/L	51 1,4-Dichlorobenzene	ND	5.0	µg/L
17	1,1-Dichloropropene	ND	5.0	µg/L	52 4-Isopropyltoluene	ND	5.0	µg/L
18	Carbon tetrachloride	ND	5.0	µg/L	53 1,2-Dichlorobenzene	ND	5.0	µg/L
19	Benzene	ND	2.5	µg/L	54 n-Butylbenzene	ND	5.0	µg/L
20	Dibromomethane	ND	5.0	µg/L	55 1,2-Dibromo-3-chloropropane (DBCP)	ND	30	µg/L
21	1,2-Dichloropropane	ND	5.0	µg/L	56 1,2,4-Trichlorobenzene	ND	20	µg/L
22	Trichloroethene	ND	5.0	µg/L	57 Naphthalene	ND	20	µg/L
23	Bromodichloromethane	ND	5.0	µg/L	58 Hexachlorobutadiene	ND	20	µg/L
24	cis-1,3-Dichloropropene	ND	5.0	µg/L	59 1,2,3-Trichlorobenzene	ND	20	µg/L
25	trans-1,3-Dichloropropene	ND	5.0	µg/L	60 Surr: 1,2-Dichloroethane-d4	82		%REC
26	1,1,2-Trichloroethane	ND	5.0	µg/L	61 Surr: Toluene-d8	98		%REC
27	Toluene	ND	2.5	µg/L	62 Surr: 4-Bromofluorobenzene	119		%REC
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	440	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				

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

ND = Not Detected

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ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-03A
Client I.D. Number: MW-26

Sampled: 03/13/07
Received: 03/15/07
Analyzed: 03/19/07

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	40	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	86		%REC
26	1,1,2-Trichloroethane	ND	10	µg/L	61 Surr: Toluene-d8	98		%REC
27	Toluene	ND	5.0	µg/L	62 Surr: 4-Bromofluorobenzene	117		%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	790	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

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ANALYTICAL REPORT

URS Corporation
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Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-04A
Client I.D. Number: MW-25

Sampled: 03/13/07
Received: 03/15/07
Analyzed: 03/19/07

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	40	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	85		%REC
26	1,1,2-Trichloroethane	ND	10	µg/L	61	Surr: Toluene-d8	99		%REC
27	Toluene	ND	5.0	µg/L	62	Surr: 4-Bromofluorobenzene	119		%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	670	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
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.

3/21/07
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
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-05A
Client I.D. Number: MW-19

Sampled: 03/13/07
Received: 03/15/07
Analyzed: 03/19/07

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	40	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	86		%REC
26	1,1,2-Trichloroethane	ND	10	µg/L	61 Surr: Toluene-d8	98		%REC
27	Toluene	ND	5.0	µg/L	62 Surr: 4-Bromofluorobenzene	116		%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	890	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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3/21/07
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-06A
Client I.D. Number: MW-18

Sampled: 03/13/07
Received: 03/15/07
Analyzed: 03/19/07

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	20	µg/L	36 Bromoform	ND	20	µg/L
2	Chloromethane	ND	80	µg/L	37 Styrene	ND	20	µg/L
3	Vinyl chloride	ND	20	µg/L	38 o-Xylene	ND	10	µg/L
4	Chloroethane	ND	20	µg/L	39 1,1,2,2-Tetrachloroethane	ND	20	µg/L
5	Bromomethane	ND	80	µg/L	40 1,2,3-Trichloropropane	ND	80	µg/L
6	Trichlorofluoromethane	ND	20	µg/L	41 Isopropylbenzene	ND	20	µg/L
7	1,1-Dichloroethene	ND	20	µg/L	42 Bromobenzene	ND	20	µg/L
8	Dichloromethane	ND	80	µg/L	43 n-Propylbenzene	ND	20	µg/L
9	trans-1,2-Dichloroethene	ND	20	µg/L	44 4-Chlorotoluene	ND	20	µg/L
10	1,1-Dichloroethane	ND	20	µg/L	45 2-Chlorotoluene	ND	20	µg/L
11	cis-1,2-Dichloroethene	ND	20	µg/L	46 1,3,5-Trimethylbenzene	ND	20	µg/L
12	Bromochloromethane	ND	20	µg/L	47 tert-Butylbenzene	ND	20	µg/L
13	Chloroform	ND	20	µg/L	48 1,2,4-Trimethylbenzene	ND	20	µg/L
14	2,2-Dichloropropane	ND	20	µg/L	49 sec-Butylbenzene	ND	20	µg/L
15	1,2-Dichloroethane	ND	20	µg/L	50 1,3-Dichlorobenzene	ND	20	µg/L
16	1,1,1-Trichloroethane	ND	20	µg/L	51 1,4-Dichlorobenzene	ND	20	µg/L
17	1,1-Dichloropropene	ND	20	µg/L	52 4-Isopropyltoluene	ND	20	µg/L
18	Carbon tetrachloride	ND	20	µg/L	53 1,2-Dichlorobenzene	ND	20	µg/L
19	Benzene	ND	10	µg/L	54 n-Butylbenzene	ND	20	µg/L
20	Dibromomethane	ND	20	µg/L	55 1,2-Dibromo-3-chloropropane (DBCP)	ND	120	µg/L
21	1,2-Dichloropropane	ND	20	µg/L	56 1,2,4-Trichlorobenzene	ND	80	µg/L
22	Trichloroethene	ND	20	µg/L	57 Naphthalene	ND	80	µg/L
23	Bromodichloromethane	ND	20	µg/L	58 Hexachlorobutadiene	ND	80	µg/L
24	cis-1,3-Dichloropropene	ND	20	µg/L	59 1,2,3-Trichlorobenzene	ND	80	µg/L
25	trans-1,3-Dichloropropene	ND	20	µg/L	60 Surr: 1,2-Dichloroethane-d4	86		%REC
26	1,1,2-Trichloroethane	ND	20	µg/L	61 Surr: Toluene-d8	97		%REC
27	Toluene	ND	10	µg/L	62 Surr: 4-Bromofluorobenzene	117		%REC
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	1,400	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				

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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3/21/07
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-08A
Client I.D. Number: MW-20

Sampled: 03/13/07
Received: 03/15/07
Analyzed: 03/19/07

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	20	µg/L	36 Bromoform	ND	20	µg/L
2	Chloromethane	ND	80	µg/L	37 Styrene	ND	20	µg/L
3	Vinyl chloride	ND	20	µg/L	38 o-Xylene	ND	10	µg/L
4	Chloroethane	ND	20	µg/L	39 1,1,2,2-Tetrachloroethane	ND	20	µg/L
5	Bromomethane	ND	80	µg/L	40 1,2,3-Trichloropropane	ND	80	µg/L
6	Trichlorofluoromethane	ND	20	µg/L	41 Isopropylbenzene	ND	20	µg/L
7	1,1-Dichloroethene	ND	20	µg/L	42 Bromobenzene	ND	20	µg/L
8	Dichloromethane	ND	80	µg/L	43 n-Propylbenzene	ND	20	µg/L
9	trans-1,2-Dichloroethene	ND	20	µg/L	44 4-Chlorotoluene	ND	20	µg/L
10	1,1-Dichloroethane	ND	20	µg/L	45 2-Chlorotoluene	ND	20	µg/L
11	cis-1,2-Dichloroethene	ND	20	µg/L	46 1,3,5-Trimethylbenzene	ND	20	µg/L
12	Bromochloromethane	ND	20	µg/L	47 tert-Butylbenzene	ND	20	µg/L
13	Chloroform	ND	20	µg/L	48 1,2,4-Trimethylbenzene	ND	20	µg/L
14	2,2-Dichloropropane	ND	20	µg/L	49 sec-Butylbenzene	ND	20	µg/L
15	1,2-Dichloroethane	ND	20	µg/L	50 1,3-Dichlorobenzene	ND	20	µg/L
16	1,1,1-Trichloroethane	ND	20	µg/L	51 1,4-Dichlorobenzene	ND	20	µg/L
17	1,1-Dichloropropene	ND	20	µg/L	52 4-Isopropyltoluene	ND	20	µg/L
18	Carbon tetrachloride	ND	20	µg/L	53 1,2-Dichlorobenzene	ND	20	µg/L
19	Benzene	ND	10	µg/L	54 n-Butylbenzene	ND	20	µg/L
20	Dibromomethane	ND	20	µg/L	55 1,2-Dibromo-3-chloropropane (DBCP)	ND	120	µg/L
21	1,2-Dichloropropane	ND	20	µg/L	56 1,2,4-Trichlorobenzene	ND	80	µg/L
22	Trichloroethene	ND	20	µg/L	57 Naphthalene	ND	80	µg/L
23	Bromodichloromethane	ND	20	µg/L	58 Hexachlorobutadiene	ND	80	µg/L
24	cis-1,3-Dichloropropene	ND	20	µg/L	59 1,2,3-Trichlorobenzene	ND	80	µg/L
25	trans-1,3-Dichloropropene	ND	20	µg/L	60 Surr: 1,2-Dichloroethane-d4	86		%REC
26	1,1,2-Trichloroethane	ND	20	µg/L	61 Surr: Toluene-d8	98		%REC
27	Toluene	ND	10	µg/L	62 Surr: 4-Bromofluorobenzene	118		%REC
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	1,500	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				

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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3/21/07
Report Date

Alpha Analytical, Inc.

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ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-09A
Client I.D. Number: MW-13

Sampled: 03/13/07
Received: 03/15/07
Analyzed: 03/19/07

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	120	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	87		%REC
26	1,1,2-Trichloroethane	ND	30	µg/L	61	Surr: Toluene-d8	97		%REC
27	Toluene	ND	15	µg/L	62	Surr: 4-Bromofluorobenzene	119		%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	2,500	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

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Report Date

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ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031553-10A
Client I.D. Number: MW-14

Sampled: 03/13/07
Received: 03/15/07
Analyzed: 03/19/07

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	120	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	87		%REC
26	1,1,2-Trichloroethane	ND	30	µg/L	61 Surr: Toluene-d8	97		%REC
27	Toluene	ND	15	µg/L	62 Surr: 4-Bromofluorobenzene	116		%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	1,900	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				

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.

3/21/07
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

VOC Sample Preservation Report

Work Order: URS07031553 **Project:** 26698724

Alpha's Sample ID	Client's Sample ID	Matrix	pH
07031553-01A	MW-27	Aqueous	2
07031553-02A	MW-17	Aqueous	2
07031553-03A	MW-26	Aqueous	2
07031553-04A	MW-25	Aqueous	2
07031553-05A	MW-19	Aqueous	2
07031553-06A	MW-18	Aqueous	2
07031553-08A	MW-20	Aqueous	6
07031553-09A	MW-13	Aqueous	6
07031553-10A	MW-14	Aqueous	2

3/21/07

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

Date: *28-Mar-07*

QC Summary Report

Work Order: 07031553

Laboratory Control Spike Type **LCS** Test Code: **EPA Method 310.1**

File ID: Batch ID: **W070328ALK** Analysis Date: **03/28/2007 00:00**

Sample ID: **LCS-W070328ALK** Units : **mg/L** Run ID: **WETLAB_070328A** Prep Date: **03/28/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Alkalinity, Total (As CaCO3 at pH 4.5)	5	1	5		100	90	110			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Alpha Analytical, Inc.

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Date: *21-Mar-07*

QC Summary Report

Work Order: 07031553

Method Blank

Type **MBLK** Test Code: **EPA Method SW9060/415.1/SM-5310C**

File ID: Batch ID: **TOC031907** Analysis Date: **03/19/2007 16:19**

Sample ID: **MBLK-TOC031907** Units : **mg/L** Run ID: **TOC_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Total Organic Carbon	ND	1								

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW9060/415.1/SM-5310C**

File ID: Batch ID: **TOC031907** Analysis Date: **03/19/2007 15:54**

Sample ID: **LCS-TOC031907** Units : **mg/L** Run ID: **TOC_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Total Organic Carbon	5.23	1	5		105	74	126			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW9060/415.1/SM-5310C**

File ID: Batch ID: **TOC031907** Analysis Date: **03/19/2007 18:04**

Sample ID: **07031553-09AMS** Units : **mg/L** Run ID: **TOC_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Total Organic Carbon	5.97	1	5	1.704	85	56	137			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW9060/415.1/SM-5310C**

File ID: Batch ID: **TOC031907** Analysis Date: **03/19/2007 18:31**

Sample ID: **07031553-09AMSD** Units : **mg/L** Run ID: **TOC_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Total Organic Carbon	6.37	1	5	1.704	93	56	137	5.973	6.5(20)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Alpha Analytical, Inc.

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Date: *20-Mar-07*

QC Summary Report

Work Order: 07031553

Method Blank

Type **MBLK** Test Code: **EPA Method SW6020**

File ID: **031907.B\070ICB.D** Batch ID: **17071** Analysis Date: **03/19/2007 16:08**

Sample ID: **MB-17071** Units : **mg/L** Run ID: **ICP/MS_070319B** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn)	ND	0.005								
Iron (Fe)	ND	0.3								

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW6020**

File ID: **031907.B\071LCS.D** Batch ID: **17071** Analysis Date: **03/19/2007 16:13**

Sample ID: **LCS-17071** Units : **mg/L** Run ID: **ICP/MS_070319B** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn)	2.22	0.005	2.5		89	83	120			
Iron (Fe)	44.3	0.3	50		89	83	119			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW6020**

File ID: **031907.B\080MSL.D** Batch ID: **17071** Analysis Date: **03/19/2007 16:57**

Sample ID: **07031526-02AMS** Units : **mg/L** Run ID: **ICP/MS_070319B** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn)	15.2	0.005	2.5	15.4	-8.8	70	130			M3
Iron (Fe)	45.3	0.3	50	0.8598	89	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW6020**

File ID: **031907.B\081MSD.D** Batch ID: **17071** Analysis Date: **03/19/2007 17:01**

Sample ID: **07031526-02AMSD** Units : **mg/L** Run ID: **ICP/MS_070319B** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn)	15.4	0.005	2.5	15.4	1.6	70	130	15.18	1.7(20)	M3
Iron (Fe)	45.7	0.3	50	0.8598	90	70	130	45.28	1.0(20)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

M3 = The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to the spike level. The method control sample recovery was acceptable.

Alpha Analytical, Inc.

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

Date: *19-Mar-07*

QC Summary Report

Work Order: 07031553

Method Blank

Type: **MBLK** Test Code: **EPA Method 300.0 / 9056**

File ID: **16** Batch ID: **17047A** Analysis Date: **03/15/2007 11:11**

Sample ID: **MB-17047** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	ND	0.25								

Laboratory Fortified Blank

Type: **LFB** Test Code: **EPA Method 300.0 / 9056**

File ID: **31** Batch ID: **17047A** Analysis Date: **03/15/2007 15:48**

Sample ID: **LFB-17047** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	0.495	0.25	0.5		99	90	110			

Sample Matrix Spike

Type: **LFM** Test Code: **EPA Method 300.0 / 9056**

File ID: **27** Batch ID: **17047A** Analysis Date: **03/15/2007 14:34**

Sample ID: **07031521-03ALFM** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	11.7	0.25	10	1.756	99	80	120			

Sample Matrix Spike Duplicate

Type: **LFMD** Test Code: **EPA Method 300.0 / 9056**

File ID: **28** Batch ID: **17047A** Analysis Date: **03/15/2007 14:53**

Sample ID: **07031521-03ALFMD** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	11.8	0.25	10	1.756	100	80	120	11.68	0.8(10)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Date: *19-Mar-07*

QC Summary Report

Work Order: 07031553

Method Blank

Type: **MBLK** Test Code: **EPA Method 300.0 / 9056**

File ID: **16** Batch ID: **17047B** Analysis Date: **03/15/2007 11:11**

Sample ID: **MB-17047** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfate (SO4)	ND	0.5								

Laboratory Fortified Blank

Type: **LFB** Test Code: **EPA Method 300.0 / 9056**

File ID: **31** Batch ID: **17047B** Analysis Date: **03/15/2007 15:48**

Sample ID: **LFB-17047** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfate (SO4)	0.936	0.5	1		94	90	110			

Sample Matrix Spike

Type: **LFM** Test Code: **EPA Method 300.0 / 9056**

File ID: **27** Batch ID: **17047B** Analysis Date: **03/15/2007 14:34**

Sample ID: **07031521-03ALFM** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfate (SO4)	59	0.5	20	40.31	93	80	120			

Sample Matrix Spike Duplicate

Type: **LFMD** Test Code: **EPA Method 300.0 / 9056**

File ID: **28** Batch ID: **17047B** Analysis Date: **03/15/2007 14:53**

Sample ID: **07031521-03ALFMD** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfate (SO4)	59	0.5	20	40.31	93	80	120	59	0.0(10)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Date: *19-Mar-07*

QC Summary Report

Work Order: 07031553

Method Blank

Type: **MBLK** Test Code: **EPA Method 300.0 / 9056**

File ID: **16** Batch ID: **17047C** Analysis Date: **03/15/2007 11:11**

Sample ID: **MB-17047** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloride	ND	0.5								

Laboratory Fortified Blank

Type: **LFB** Test Code: **EPA Method 300.0 / 9056**

File ID: **31** Batch ID: **17047C** Analysis Date: **03/15/2007 15:48**

Sample ID: **LFB-17047** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloride	0.917	0.5	1		92	90	110			

Sample Matrix Spike

Type: **LFM** Test Code: **EPA Method 300.0 / 9056**

File ID: **27** Batch ID: **17047C** Analysis Date: **03/15/2007 14:34**

Sample ID: **07031521-03ALFM** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloride	57.4	0.5	20	37.07	102	80	120			

Sample Matrix Spike Duplicate

Type: **LFMD** Test Code: **EPA Method 300.0 / 9056**

File ID: **28** Batch ID: **17047C** Analysis Date: **03/15/2007 14:53**

Sample ID: **07031521-03ALFMD** Units : **mg/L** Run ID: **IC_2_070315A** Prep Date: **03/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloride	57.4	0.5	20	37.07	102	80	120	57.41	0.0(10)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Date: 20-Mar-07

QC Summary Report

Work Order: 07031553

Method Blank Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **D:\HPCHEM\MS09\DATA\070319\07031906.D** Batch ID: **MS09W0319A** Analysis Date: **03/19/2007 14:52**

Sample ID: **MBLK MS09W0319A** Units : **µg/L** Run ID: **MSD_09_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dichlorodifluoromethane	ND	1								
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
1,1-Dichloroethane	ND	1								
cis-1,2-Dichloroethene	ND	1								
Bromochloromethane	ND	1								
Chloroform	ND	1								
2,2-Dichloropropane	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
1,1-Dichloropropene	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	1								
Dibromomethane	ND	1								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	1								
1,3-Dichloropropane	ND	1								
Dibromochloromethane	ND	1								
1,2-Dibromoethane (EDB)	ND	2								
Tetrachloroethene	ND	1								
1,1,1,2-Tetrachloroethane	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	1								
m,p-Xylene	ND	1								
Bromoform	ND	1								
Styrene	ND	1								
o-Xylene	ND	1								
1,1,2,2-Tetrachloroethane	ND	1								
1,2,3-Trichloropropane	ND	2								
Isopropylbenzene	ND	1								
Bromobenzene	ND	1								
n-Propylbenzene	ND	1								
4-Chlorotoluene	ND	1								
2-Chlorotoluene	ND	1								
1,3,5-Trimethylbenzene	ND	1								
tert-Butylbenzene	ND	1								
1,2,4-Trimethylbenzene	ND	1								
sec-Butylbenzene	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
4-Isopropyltoluene	ND	1								
1,2-Dichlorobenzene	ND	1								
n-Butylbenzene	ND	1								
1,2-Dibromo-3-chloropropane (DBCP)	ND	3								
1,2,4-Trichlorobenzene	ND	2								
Naphthalene	ND	2								
Hexachlorobutadiene	ND	2								
1,2,3-Trichlorobenzene	ND	2								
Surr: 1,2-Dichloroethane-d4	8.46		10		85	75	128			
Surr: Toluene-d8	9.8		10		98	80	120			
Surr: 4-Bromofluorobenzene	11.4		10		114	80	120			

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Date: 20-Mar-07

QC Summary Report

Work Order: 07031553

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **D:\HPCHEM\MS09\DATA\070319\07031904.D** Batch ID: **MS09W0319A** Analysis Date: **03/19/2007 14:07**

Sample ID: **LCS MS09W0319A** Units : **µg/L** Run ID: **MSD_09_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	9.78	1	10		98	80	120			
Benzene	9.91	0.5	10		99	70	130			
Trichloroethene	8.53	1	10		85	70	130			
Toluene	9.92	0.5	10		99	80	120			
Chlorobenzene	9.43	1	10		94	70	130			
Ethylbenzene	9.49	0.5	10		95	80	120			
m,p-Xylene	10.5	0.5	10		105	70	130			
o-Xylene	9.82	0.5	10		98	70	130			
Surr: 1,2-Dichloroethane-d4	8.06		10		81	75	128			
Surr: Toluene-d8	9.9		10		99	80	120			
Surr: 4-Bromofluorobenzene	11.3		10		113	80	120			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **D:\HPCHEM\MS09\DATA\070319\07031907.D** Batch ID: **MS09W0319A** Analysis Date: **03/19/2007 15:21**

Sample ID: **07031522-02AMS** Units : **µg/L** Run ID: **MSD_09_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	44.8	2.5	50	0	90	66	132			
Benzene	65.6	1.3	50	19	93	70	130			
Trichloroethene	42.3	2.5	50	2.27	80	69	130			
Toluene	51.3	1.3	50	6.14	90	67	130			
Chlorobenzene	43.1	2.5	50	0	86	70	130			
Ethylbenzene	46.4	1.3	50	2.43	88	70	130			
m,p-Xylene	54.5	1.3	50	6.27	96	69	130			
o-Xylene	46.9	1.3	50	1.86	90	70	130			
Surr: 1,2-Dichloroethane-d4	38.3		50		77	75	128			
Surr: Toluene-d8	48.6		50		97	80	120			
Surr: 4-Bromofluorobenzene	58.6		50		117	80	120			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **D:\HPCHEM\MS09\DATA\070319\07031908.D** Batch ID: **MS09W0319A** Analysis Date: **03/19/2007 15:44**

Sample ID: **07031522-02AMSD** Units : **µg/L** Run ID: **MSD_09_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	44.1	2.5	50	0	88	66	132	44.76	1.5(20)	
Benzene	65.6	1.3	50	19	93	70	130	65.55	0.0(20)	
Trichloroethene	41.5	2.5	50	2.27	79	69	130	42.33	1.9(20)	
Toluene	50.9	1.3	50	6.14	90	67	130	51.3	0.8(20)	
Chlorobenzene	42.6	2.5	50	0	85	70	130	43.06	1.2(20)	
Ethylbenzene	45.7	1.3	50	2.43	87	70	130	46.43	1.5(20)	
m,p-Xylene	53.4	1.3	50	6.27	94	69	130	54.45	1.9(20)	
o-Xylene	46.2	1.3	50	1.86	89	70	130	46.87	1.4(20)	
Surr: 1,2-Dichloroethane-d4	39		50		78	75	128			
Surr: Toluene-d8	49		50		98	80	120			
Surr: 4-Bromofluorobenzene	59.2		50		118	80	120			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Billing Information :

CHAIN-OF-CUSTODY RECORD

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

NV

WorkOrder : URS07031553

Report Due By : 5:00 PM On : 22-Mar-07

Client:
URS Corporation
811 Grier Dr.

Las Vegas, NV 89119

Holly Woodward
TEL : (702) 492-7922 x
FAX : (702) 492-9149
EMail holly_woodward@urscorp.com

EDD Required : **No**

Sampled by : Client

Report Attention : Holly Woodward
CC Report :

Job : 26698724
PO : 26698724

Client's COC # : 15396

Cooler Temp	Samples Received	Date Printed
4 °C	15-Mar-07	**15-Mar-07**

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 ANIONS(A)_W	ANIONS(B)_W	ANIONS(C)_W	HOLD	METALS_AQ	TOC_W	VOC_W		Sample Remarks
URS07031553-01A	MW-27	AQ	03/12/07 16:50	3	0	5								8260_N		
URS07031553-02A	MW-17	AQ	03/12/07 17:39	3	0	5								8260_N		
URS07031553-03A	MW-26	AQ	03/13/07 09:59	3	0	5								8260_N		
URS07031553-04A	MW-25	AQ	03/13/07 10:52	7	0	5		NO3, SO4, Cl	NO3, SO4, Cl	NO3, SO4, Cl		Fe, Mn	TOC	8260_N		2 voas rec'd w/ headspace.
URS07031553-05A	MW-19	AQ	03/13/07 13:07	3	0	5								8260_N		
URS07031553-06A	MW-18	AQ	03/13/07 13:43	7	0	5		NO3, SO4, Cl	NO3, SO4, Cl	NO3, SO4, Cl		Fe, Mn	TOC	8260_N		
URS07031553-07A	MW-23	AQ	03/13/07 13:43	3	0	5					Hold					
URS07031553-08A	MW-20	AQ	03/13/07 15:06	3	0	5								8260_N		
URS07031553-09A	MW-13	AQ	03/13/07 15:52	7	0	5		NO3, SO4, Cl	NO3, SO4, Cl	NO3, SO4, Cl		Fe, Mn	TOC	8260_N		
URS07031553-10A	MW-14	AQ	03/13/07 16:32	3	0	5								8260_N		

Comments: Security seals intact. Frozen ice. Place sample MW-23 on hold, per phone conversation w/ Holly. Samples rec'd on last day of hold time for H2SO4 preserved sample, may have to analyze non-preserved sample for NO3. TOC pH=2. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Tara Dickinson	Tara Dickinson	Alpha Analytical, Inc.	3/15/07 918

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

AMENDED

NV

Billing Information :

CHAIN-OF-CUSTODY RECORD

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

WorkOrder : URS07031553

Report Due By : 5:00 PM On : 22-Mar-07

Client:
URS Corporation
811 Grier Dr.

Las Vegas, NV 89119

Holly Woodward
TEL : (702) 492-7922 x
FAX : (702) 492-9149
EMail holly_woodward@urscorp.com

EDD Required : **No**

Sampled by : Client

Report Attention : Holly Woodward
CC Report :

Job : 26698724
PO : 26698724

Client's COC # : 15396

Cooler Temp	Samples Received	Date Printed
4 °C	15-Mar-07	27-Mar-07

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_W	ANIONS(A)_W	ANIONS(B)_W	ANIONS(C)_W	HOLD	METALS_AQ	TOC_W	VOC_W	Sample Remarks
URS07031553-01A	MW-27	AQ	03/12/07 16:50	3	0	5									8260_N	
URS07031553-02A	MW-17	AQ	03/12/07 17:39	3	0	5									8260_N	
URS07031553-03A	MW-26	AQ	03/13/07 09:59	3	0	5									8260_N	
URS07031553-04A	MW-25	AQ	03/13/07 10:52	7	0	5		Alk	NO3, SO4, Cl	NO3, SO4, Cl	NO3, SO4, Cl		Fe, Mn	TOC	8260_N	2 voas rec'd w/ headspace.
URS07031553-05A	MW-19	AQ	03/13/07 13:07	3	0	5									8260_N	
URS07031553-06A	MW-18	AQ	03/13/07 13:43	7	0	5		Alk	NO3, SO4, Cl	NO3, SO4, Cl	NO3, SO4, Cl		Fe, Mn	TOC	8260_N	
URS07031553-07A	MW-23	AQ	03/13/07 13:43	3	0	5						Hold				
URS07031553-08A	MW-20	AQ	03/13/07 15:06	3	0	5									8260_N	
URS07031553-09A	MW-13	AQ	03/13/07 15:52	7	0	5		Alk	NO3, SO4, Cl	NO3, SO4, Cl	NO3, SO4, Cl		Fe, Mn	TOC	8260_N	
URS07031553-10A	MW-14	AQ	03/13/07 16:32	3	0	5									8260_N	

Comments: Security seals intact. Frozen ice. Place sample MW-23 on hold, per phone conversation w/ Holly. Samples rec'd on last day of hold time for H2SO4 preserved sample, may have to analyze non-preserved sample for NO3. TOC pH=2. : Amended 3/27/07 to add alkalinity to samples -04, -06 & -09 on standard TAT, due 4/10/07 (ok to run out of hold time), per Holly. TD.

	Signature	Print Name	Company	Date/Time
Logged in by:	Tara Dickenson	Tara Dickenson	Alpha Analytical, Inc.	3/27/07 1454

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
Address 811 Grier Drive
City, State, Zip Las Vegas, NV 89119
Phone Number 702 492 7900 Fax 492-9149

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

15396

Client Name	P.O. # 266987247	Job # 266987247
Address SAME	EMail Address HollyWoodward@urscorp.com	
City, State, Zip	Phone # 702-492-7900	Fax # 492-9149

Analyses Required

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by / Lab ID Number (Office Use Only)	Report Attention / Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260B	Fe+Mn 6020	CL No 3504	NO3	TOC	REMARKS
1650	3/12/07	AQ	LV2070315530-01	MW-27			3 VOA	X					
1739			-02	17			3VOA	X					
1959	3/13/07		-03	26			3VOA	X					
1052			-04	25			BVOA	X					
							1 P		X				
							1 P			X			
							1 P				X		
							1 P					X	
1307			-05	MW-19			3VOA	X					
1343			-06	.8			3VOA	X					
							1P		X				
							1P			X			
							1P				X		

ADDITIONAL INSTRUCTIONS: please use p.o. # for fedex.

	Signature	Print Name	Company	Date	Time
Relinquished by	Holly Woodward	Holly Woodward	URS	3/14/07	1011
Received by	V. SMITH	V. SMITH	Alpha	3-14-07	1011
Relinquished by	V. SMITH	V. SMITH	Alpha	3-14-07	4:30
Received by	Tara Dickinson	Tara Dickinson	Alpha	3/15/07	910
Relinquished by					
Received by					

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: 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

Billing Information:
Name URS
Address 81 Grier Drive
City, State, Zip Las Vegas, NV 89119
Phone Number 702-492-7000 Fax 492-9149

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 # 2 of 2

15395

Client Name	P.O. # 26698724	Job #
Address SAME	EMail Address hollywoodward@URScorp.com	
City, State, Zip	Phone # 702-492-7000	Fax # 492-9149

Analyses Required: 8260B; Am Fe Mn 6020; Cl NO3 SO4; NO3; TOC

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260B	Am Fe Mn 6020	Cl NO3 SO4	NO3	TOC	REMARKS
1343	3/13/07	AQ	URS0703553-06	MW-18			~~1AG~~ 3VOA HCl					X	
1429			-07	MW-23			3VOA	X					
1500			-08	20			3VOA	X					
1552			-09	13			3VOA	X					
							1P		X				
							1P			X			
							1P				X		
							1AG					X	
1632			-10	14			3VOA	X					

ADDITIONAL INSTRUCTIONS: please use p.o. # for fedex

	Signature	Print Name	Company	Date	Time
Relinquished by	Holly Woodward	Holly Woodward	URS	3/14/07	1011
Received by	V. SMITH	V. SMITH	Alpha	3-14-07	10:16
Relinquished by	V. SMITH	V. SMITH	Alpha	3-14-07	4:30
Received by	Jan Jackson	Jan Jackson	Alpha	3/15/07	910
Relinquished by					
Received by					

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: 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
811 Grier Dr.
Las Vegas, NV 89119
Job#: Maryland Square

Attn: Holly Woodward
Phone: (702) 492-7922
Fax: (702) 492-9149

Alpha Analytical Number: URS07031622-01A
Client I.D. Number: MW-23

Sampled: 03/15/07
Received: 03/16/07
Analyzed: 03/19/07

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit			Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	20	µg/L	36	Bromoform	ND	20	µg/L
2	Chloromethane	ND	80	µg/L	37	Styrene	ND	20	µg/L
3	Vinyl chloride	ND	20	µg/L	38	o-Xylene	ND	10	µg/L
4	Chloroethane	ND	20	µg/L	39	1,1,2,2-Tetrachloroethane	ND	20	µg/L
5	Bromomethane	ND	80	µg/L	40	1,2,3-Trichloropropane	ND	80	µg/L
6	Trichlorofluoromethane	ND	20	µg/L	41	Isopropylbenzene	ND	20	µg/L
7	1,1-Dichloroethene	ND	20	µg/L	42	Bromobenzene	ND	20	µg/L
8	Dichloromethane	ND	80	µg/L	43	n-Propylbenzene	ND	20	µg/L
9	trans-1,2-Dichloroethene	ND	20	µg/L	44	4-Chlorotoluene	ND	20	µg/L
10	1,1-Dichloroethane	ND	20	µg/L	45	2-Chlorotoluene	ND	20	µg/L
11	cis-1,2-Dichloroethene	ND	20	µg/L	46	1,3,5-Trimethylbenzene	ND	20	µg/L
12	Bromochloromethane	ND	20	µg/L	47	tert-Butylbenzene	ND	20	µg/L
13	Chloroform	ND	20	µg/L	48	1,2,4-Trimethylbenzene	ND	20	µg/L
14	2,2-Dichloropropane	ND	20	µg/L	49	sec-Butylbenzene	ND	20	µg/L
15	1,2-Dichloroethane	ND	20	µg/L	50	1,3-Dichlorobenzene	ND	20	µg/L
16	1,1,1-Trichloroethane	ND	20	µg/L	51	1,4-Dichlorobenzene	ND	20	µg/L
17	1,1-Dichloropropene	ND	20	µg/L	52	4-Isopropyltoluene	ND	20	µg/L
18	Carbon tetrachloride	ND	20	µg/L	53	1,2-Dichlorobenzene	ND	20	µg/L
19	Benzene	ND	10	µg/L	54	n-Butylbenzene	ND	20	µg/L
20	Dibromomethane	ND	20	µg/L	55	1,2-Dibromo-3-chloropropane (DBCP)	ND	120	µg/L
21	1,2-Dichloropropane	ND	20	µg/L	56	1,2,4-Trichlorobenzene	ND	80	µg/L
22	Trichloroethene	ND	20	µg/L	57	Naphthalene	ND	80	µg/L
23	Bromodichloromethane	ND	20	µg/L	58	Hexachlorobutadiene	ND	80	µg/L
24	cis-1,3-Dichloropropene	ND	20	µg/L	59	1,2,3-Trichlorobenzene	ND	80	µg/L
25	trans-1,3-Dichloropropene	ND	20	µg/L	60	Surr: 1,2-Dichloroethane-d4	86		%REC
26	1,1,2-Trichloroethane	ND	20	µg/L	61	Surr: Toluene-d8	94		%REC
27	Toluene	ND	10	µg/L	62	Surr: 4-Bromofluorobenzene	99		%REC
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	2,100	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					

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.

3/22/07
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

VOC Sample Preservation Report

Work Order: URS07031622 **Project:** Maryland Square

Alpha's Sample ID	Client's Sample ID	Matrix	pH
07031622-01A	MW-23	Aqueous	2

3/22/07

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

Date: *21-Mar-07*

QC Summary Report

Work Order: 07031622

Method Blank Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **07031905.D** Batch ID: **MS08W0319A** Analysis Date: **03/19/2007 11:34**

Sample ID: **MBLK MS08W0319A** Units : **µg/L** Run ID: **MSD_08_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dichlorodifluoromethane	ND	1								
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
1,1-Dichloroethane	ND	1								
cis-1,2-Dichloroethene	ND	1								
Bromochloromethane	ND	1								
Chloroform	ND	1								
2,2-Dichloropropane	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
1,1-Dichloropropene	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	1								
Dibromomethane	ND	1								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	1								
1,3-Dichloropropane	ND	1								
Dibromochloromethane	ND	1								
1,2-Dibromoethane (EDB)	ND	2								
Tetrachloroethene	ND	1								
1,1,1,2-Tetrachloroethane	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	1								
m,p-Xylene	ND	1								
Bromoform	ND	1								
Styrene	ND	1								
o-Xylene	ND	1								
1,1,2,2-Tetrachloroethane	ND	1								
1,2,3-Trichloropropane	ND	2								
Isopropylbenzene	ND	1								
Bromobenzene	ND	1								
n-Propylbenzene	ND	1								
4-Chlorotoluene	ND	1								
2-Chlorotoluene	ND	1								
1,3,5-Trimethylbenzene	ND	1								
tert-Butylbenzene	ND	1								
1,2,4-Trimethylbenzene	ND	1								
sec-Butylbenzene	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
4-Isopropyltoluene	ND	1								
1,2-Dichlorobenzene	ND	1								
n-Butylbenzene	ND	1								
1,2-Dibromo-3-chloropropane (DBCP)	ND	3								
1,2,4-Trichlorobenzene	ND	2								
Naphthalene	ND	2								
Hexachlorobutadiene	ND	2								
1,2,3-Trichlorobenzene	ND	2								
Surr: 1,2-Dichloroethane-d4	9.4		10		94	75	128			
Surr: Toluene-d8	9.29		10		93	80	120			
Surr: 4-Bromofluorobenzene	9.4		10		94	80	120			

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

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

Date: 21-Mar-07

QC Summary Report

Work Order: 07031622

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **07031904.D** Batch ID: **MS08W0319A** Analysis Date: **03/19/2007 11:11**

Sample ID: **LCS MS08W0319A** Units : **µg/L** Run ID: **MSD_08_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	9.98	1	10		99.8	80	120			
Benzene	10.1	0.5	10		101	70	130			
Trichloroethene	9.47	1	10		95	70	130			
Toluene	11.2	0.5	10		112	80	120			
Chlorobenzene	10	1	10		100	70	130			
Ethylbenzene	10.1	0.5	10		101	80	120			
m,p-Xylene	10.4	0.5	10		104	70	130			
o-Xylene	10.1	0.5	10		101	70	130			
Surr: 1,2-Dichloroethane-d4	9.81		10		98	75	128			
Surr: Toluene-d8	8.41		10		84	80	120			
Surr: 4-Bromofluorobenzene	9.45		10		95	80	120			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **07031906.D** Batch ID: **MS08W0319A** Analysis Date: **03/19/2007 11:57**

Sample ID: **07031543-02AMS** Units : **µg/L** Run ID: **MSD_08_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	48.1	2.5	50	0	96	66	132			
Benzene	51	1.3	50	0	102	70	130			
Trichloroethene	47.6	2.5	50	0	95	69	130			
Toluene	54.2	1.3	50	0	108	67	130			
Chlorobenzene	49.3	2.5	50	0	99	70	130			
Ethylbenzene	49.7	1.3	50	0	99	70	130			
m,p-Xylene	48.2	1.3	50	0	96	69	130			
o-Xylene	49.6	1.3	50	0	99	70	130			
Surr: 1,2-Dichloroethane-d4	51.7		50		103	75	128			
Surr: Toluene-d8	40		50		80	80	120			
Surr: 4-Bromofluorobenzene	49.2		50		98	80	120			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **07031907.D** Batch ID: **MS08W0319A** Analysis Date: **03/19/2007 12:20**

Sample ID: **07031543-02AMSD** Units : **µg/L** Run ID: **MSD_08_070319A** Prep Date: **03/19/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	55.7	2.5	50	0	111	66	132	48.1	14.7(20)	
Benzene	58.5	1.3	50	0	117	70	130	51	13.6(20)	
Trichloroethene	53.8	2.5	50	0	108	69	130	47.58	12.2(20)	
Toluene	65.6	1.3	50	0	131	67	130	54.17	19.1(20)	M1
Chlorobenzene	59.9	2.5	50	0	120	70	130	49.31	19.4(20)	
Ethylbenzene	60.5	1.3	50	0	121	70	130	49.72	19.5(20)	
m,p-Xylene	59.8	1.3	50	0	120	69	130	48.16	21.5(20)	R5
o-Xylene	61	1.3	50	0	122	70	130	49.63	20.6(20)	R5
Surr: 1,2-Dichloroethane-d4	49.3		50		99	75	128			
Surr: Toluene-d8	41.5		50		83	80	120			
Surr: 4-Bromofluorobenzene	46.8		50		94	80	120			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

M1 = Matrix spike recovery was high, the method control sample recovery was acceptable.

R5 = MS/MSD RPD exceed the laboratory control limit. Recovery met acceptance criteria.

Billing Information :

CHAIN-OF-CUSTODY RECORD

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

NV

WorkOrder : URS07031622

Report Due By : 5:00 PM On : 23-Mar-07

Client:
URS Corporation
811 Grier Dr.

Las Vegas, NV 89119

Holly Woodward
TEL : (702) 492-7922
FAX : (702) 492-9149
EMail holly_woodward@urscorp.com

EDD Required : **No**

Sampled by : Client

Report Attention : Holly Woodward
CC Report :

Job : Maryland Square
PO : 26698724
Client's COC # : 15398

Cooler Temp	Samples Received	Date Printed
4 °C	16-Mar-07	**16-Mar-07**

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 VOC_W								Sample Remarks
URS07031622-01A	MW-23	AQ	03/15/07 11:23	3	0	5		8260_N								rec'd 2 voas with air bubbles

Comments: Security seals intact. Frozen ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:	K Murray	K Murray	**Alpha Analytical, Inc.**	3/16/07 1005

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
Address 811 Grier Drive
City, State, Zip Las Vegas / NV 89119
Phone Number 702-492-7900 Fax 492-9149

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 ___

15398

Client Name	P.O. # 26698724	Job # Maryland Square
Address SAME	EMail Address holly_woodward@urscorp.com	
City, State, Zip	Phone # 702-492-7922	Fax # 492 9149

Report Attention Holly Woodward

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260B							REMARKS
1123	3/15/07	AQ	URS07031622-01	MW-23			3VOa	X							

Analyses Required

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by	Holly Woodward	Holly Woodward	URS	3/15/07	12:30
Received by		V. SMITH		3-15-07	12:30
Relinquished by		V. SMITH		3-15-07	4:30
Received by		K Murray	AAI	3/16/07	1000
Relinquished by					
Received by					

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

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