BRADLEY LANDFILL AND RECYCLING CENTER
A WASTE MANAGEMENT COMPANY

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April 28, 2005

Mr. Douglas Cross
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

Re: Submittal of Groundwater Monitoring Report for Winter 2004 / Spring 2005 Monitoring Period and Annual Reporting Requirements, Bradley Landfill and Recycling Center, Sun Valley, California, Los Angeles County (File No. 78-27)

Dear Mr. Cross:

Enclosed is the above-referenced report for Bradley Landfill and Recycling Center, owned and operated by Waste Management Recycling and Disposal Services of California, Inc. (WMRDS) (formerly Valley Reclamation Company). This report summarizes the results of waste disposal operations and environmental monitoring activities conducted at the Bradley Landfill and Recycling Center (BLRC) during the Winter 2004 / Spring 2005 monitoring period. This report also includes the annual reporting requirements.

All laboratory analyses included in this report were conducted by a California certified laboratory in accordance with EPA guideline procedures, 40 CFR 261 and Section 13176 of the Water Code. A discussion of the results obtained from sampling and analysis conducted during this reporting period is presented in Section 4.0 and the laboratory data as required in Appendix C.

BLRC is in compliance with all site specific WDRs and this report, as submitted, has been placed in the facility operating record as required by 40 CFR 258.29; this letter serves as notification of this addition.

I declare under penalty of perjury, that to the best of my knowledge, this report is true, complete and correct. If you should have any questions regarding this report or need any additional information, please contact me at (818) 252-3147.

Very truly yours,

Doug Corcoran
Director of Operations
Los Angeles Market Area

aj/letters/LARWQCB102804

cc: f/LARWQCB Correspondence
f/Facility Operating Record
Mr. Martin Rosen, City of Los Angeles, Environmental Affairs Department
Mr. Marty Adams, Los Angeles Department of Water & Power
Mr. Willy Jenkins, California Integrated Waste Management Board (CIWMB)
Mr. Douglas Okumura, CIWMB (without attachments)
Mr. Mark Verwiel, Manager, Hydrology Programs, Waste Management

GROUNDWATER MONITORING REPORT
WINTER 2004-SPRING 2005 MONITORING PERIOD
& ANNUAL REPORTING REQUIREMENTS

Bradley Landfill and Recycling Center
Sun Valley, California

Prepared For:

Waste Management, Inc.
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April 2005
SCS Job No. 01201026.00

GROUNDWATER MONITORING REPORT, WINTER 2004/SPRING 2005 MONITORING PERIOD AND ANNUAL REPORTING REQUIREMENTS, BRADLEY LANDFILL AND RECYCLING FACILITY, SUN VALLEY, CALIFORNIA DATED APRIL 2005

SCS Engineers Project No. 01201026.00

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1.0 INTRODUCTION

1.1 SCOPE AND PURPOSE

This Winter 2004-Spring 2005 semi-annual report summarizes the results from October 1, 2004 through March 31, 2005 groundwater monitoring activities at the Bradley Landfill and Recycling Center (BLRC) in the Sun Valley area of the City of Los Angeles, California (Figure 1). This report details activities related to March 2005 sampling and also provides waste disposal information for October 2004 through March 2005. This report also includes the annual reporting requirements. Specific details related to the 2004 monitoring events are contained in the following reports:

- SCS Engineers, April 2004. *Groundwater Monitoring Report, Winter 2003/Spring 2004 Monitoring Period & Annual Reporting Requirements, Bradley Landfill and Recycling Center, Sun Valley, CA.*

- SCS Engineers, October 2004. Groundwater Monitoring Report, Summer/Fall 2004 Monitoring Period Ending September 30, 2004, Bradley Landfill and Recycling Center, Sun Valley, California.

In accordance with the Revised Monitoring and Reporting Program (MRP) for Acceptance of Non-Hazardous Treated Auto Shredder Waste (TASW) for Bradley Landfill and Recycling Center, Sun Valley (Regional Water Quality Control Board - Los Angeles Region [RWQCB], November 1, 1996), BLRC is conducting semi-annual sampling and monitoring of all site groundwater wells (4915A, 4915B, 4915C, 4915D, 4915E, 4915M, 4916G, 4916D, 4916F, 4916G, 4916H, 4916J, 4916L, 4926C, and 4916C), for MRP listed monitoring parameters and continue activities such as recording weekly and monthly groundwater level readings and leachate liquid level readings (Waste Management [WM], May 1, 2002).

Sampling and reporting activities are being conducted to satisfy requirements of the documents listed below, to evaluate the performance of facility design and operation, and to identify potential threats to human health and the environment.

This report satisfies the sampling and reporting requirements specified in the following:

- WM, May 1, 2002. Notification of Change for Groundwater Well Sampling and Reporting for Bradley Landfill and Recycling Center (File No. 78-27).

- Revised Monitoring and Reporting Program (MRP) for Acceptance of Non-Hazardous Treated Auto Shredder Waste (TASW). Bradley Landfill and Recycling Center, Sun Valley (File No. 78-027) (CI No. 6343), (RWQCB, November 1, 1996).

- Proposed Monitoring and Reporting Program for BLRC (Rust Environment & Infrastructure, August 8, 1995).

- The Corrective Action Program proposed for the site by Waste Management Disposal Services of California, Inc. (WMDSC, June 1, 1994) as approved by the RWQCB (RWQCB, July 12, 1994).

- RWQCB Order No. 94-059 Waste Discharge Requirements (WDRs) and Associated Monitoring and Reporting Program (MRP) Number 6434, as amended (RWQCB, June 15, 1994).

- RWQCB Standard Provisions for Implementation of Subtitle D, as adopted by State Board Resolution Number 93-062 (RWQCB, 1993).

- City of Los Angeles/California Integrated Waste Management Board Solid Waste Facility Permits No. 19-AR-0008 and No. 19-AR-0004.

BLRC is owned and operated by Waste Management Recycling and Disposal Services of California, Inc. (WMRDSC), a wholly owned subsidiary of USA Waste of California, Inc. dba Waste Management, Inc., under Solid Waste Facility permit 19-AR-0008 and 19-AR-0004. As noted above a proposed site-specific monitoring and reporting program (Rust, August 8, 1995) was submitted to the RWQCB in August 1995.

The groundwater monitoring program at the BLRC incorporates permanent monitoring elements to provide environmental protection during and after landfill development. All field work, sampling methodologies, data evaluation, data quality assurance and control (QA/QC) and chemical analysis were conducted in accordance with the current WDR Monitoring and Reporting Program and the facility permit. Major site features, including the locations of groundwater monitoring wells and leachate sumps, are presented on Figure 2.

1.2 SITE DESCRIPTION AND BACKGROUND

The BLRC is located west of the intersection of Glenoaks Boulevard and Peoria Street in the Sun Valley area of the City of Los Angeles California and has a mailing address of 9081 Tujunga Avenue Sun Valley, CA 91352.

Portions of the BLRC have been in operation since 1959. The landfill occupies a 209-acre former sand and gravel pit, and is divided into disposal areas designated as Bradley East and Bradley West. Bradley West is currently the only portion of the site actively accepting wastes. The landfill facility currently receives residential, commercial, industrial and “special waste” debris at a rate between approximately 13,100 to 27,600 tons per month.

A formal groundwater detection monitoring program was initiated at the site in November 1987 following adoption of RWQCB Order No. 87-153. In September 1991, an Evaluation Monitoring Program (EMP) (Valley Reclamation Company [VRC], October 9, 1991) was implemented in

accordance with Title 23, Chapter 15 requirements. An EMP Report, prepared by Kerfoot and Associates (Kerfoot, March 1994), was submitted by WMRDSC to the RWQCB with a proposed Corrective Action Program (CAP) on June 1, 1994. In a July 12, 1994 letter, the RWQCB determined the EMP satisfied the requirements of Chapter 15, Article 5, Section 2550.8, concluding the evaluation phase of the program. In the same letter, the RWQCB approved, with one modification, the proposed CAP.

The EMP Report concluded that the volatile organic compounds (VOCs) that have been detected in groundwater are related to landfill gas beneath the site. As a result of these findings, the CAP requires ongoing upgrades and operational adjustments to the landfill gas control system. New wells have been added to replace older, low producing landfill gas collection wells or to target areas where landfill gas is suspected of affecting groundwater. The gas collection system currently consists of over 200 vertical wells and approximately 7 horizontal collectors. In April 2001, a larger capacity flare replaced one of three system flares. The installation of this larger flare increased the total daily landfill gas destruction capacity from 9 million cubic feet to 14 million cubic feet. The landfill gas system is continually adjusted to minimize landfill gas impacts to groundwater.

As noted earlier, as of May 2002, WM commenced semi-annual sampling of all site wells and the approved MRP-listed monitoring parameters required by the Revised MRP, dated November 1, 1996.

1.3 HYDROGEOLOGIC SETTING

BLRC is located in the Sun Valley area of the City of Los Angeles in Sections 19 and 30 of Township 2 North, Range 14 West, San Bernardino baseline and meridian.

BLRC is located within the northeast part of the San Fernando Valley. The San Fernando Valley is a roughly east-west trending, alluvium-filled structural basin bounded by relatively nonpermeable basement rocks ranging in age from Miocene to Pre-Cambrian (Waste Management of North America [WMNA], 1992). The alluvial deposits consist primarily of Pleistocene to Holocene age sand and gravel derived primarily from the adjacent highlands, and are more than 1,000 feet thick in the vicinity of the site (WMNA, 1992).

BLRC is located within a hydrologically complex part of the San Fernando Groundwater Basin. All waste filling areas are northeast of the Verdugo Fault which trends roughly northwest-southeast across the southernmost portion of the site. East of this fault, the groundwater table typically is found within the alluvial deposits at between 600 to 730 feet above mean sea level (200 to 280 feet below ground surface) and slopes toward the south-southeast. West of the Verdugo fault, the water table is approximately 100 feet lower than east of the fault. Based on the differences in groundwater elevation, the fault is believed to form a flow barrier.

The Hansen Dam and the Hansen Spreading Grounds are located approximately 3,000 feet northwest of the site. Local groundwater levels have historically fluctuated, primarily as a result of groundwater recharge activities at the Hansen Spreading Grounds (LeRoy Crandall and Associates (LCA), June 1987). Data from 1989 to 2003 indicate groundwater elevation can vary by 20 to 60

feet during one season. The largest fluctuations are observed in the upgradient wells, which are located closer to the spreading basins. In addition to recharge activities, factors that may influence the movement of groundwater beneath the site include underflow of water beneath Hansen Dam, direct infiltration of precipitation, and withdrawal of groundwater from nearby industrial supply wells.

2.0 FIELD PROGRAM, MONITORING RESULTS, AND DISCUSSION

2.1 VISUAL INSPECTION PROGRAM

Visual inspections by personnel at BLRC are conducted routinely to ensure that a potential release is detected at the earliest possible time. Visual inspections include examination of any stresses to biological communities, unexplained changes in soil characteristics, visible signs of leachate migration (i.e., leachate seeps), and any other evidence of change to the environment that may be due to the waste management unit. None of these types of physical indications were reported during the Winter 2004-Spring 2005 monitoring period.

2.2 MONITORING NETWORK AND GROUNDWATER ELEVATION MEASUREMENTS

2.2.1 Monitoring Network

The monitoring program at BLRC includes semi-annual sampling of six upgradient and seven downgradient groundwater monitoring wells. The locations of groundwater monitoring wells are illustrated on Figure 2. All wells associated with the BLRC monitoring program are completed in alluvial deposits (Table 1). Well completion details are summarized in Table 2.

Groundwater wells sampled during the Winter 2004-Spring 2005 monitoring event included upgradient wells (4915A, 4915B, 4915C, 4915D, 4915E and 4915M) and downgradient wells (4916D, 4916F, 4916G, 4916H, 4916J, 4916L, 4926C). Sampling during the Winter 2004-Spring 2005 semi-annual event excluded well 4916C, which monitors water west of the Verdugo Fault, because the low water level made sampling impractical. In addition, access to well 4914G was not available during the Winter 2004-Spring 2005 monitoring period.

2.2.2 Groundwater Elevation Measurements

During the Winter 2004-Spring 2005 period, water elevation data were collected on October 28, 2004, November 18, 2004, December 17, 2004, January 11, 2005, February 23, 2005, and March 3, 2005, using a Solinst water level. The wellhead reference elevation (top of casing elevation), depth to groundwater, and respective water level elevations are presented in Table 3.

On March 3, 2005, prior to initiation of groundwater purging and sampling activities, the depth to water and water level elevation (feet above mean sea level) were recorded to the nearest hundredth of a foot. Water table elevation data from March 2005 were utilized for the preparation of the Winter 2004-Spring 2005 groundwater contour map and to determine the groundwater flow direction and gradient at the site. Using the groundwater elevation data, groundwater flow beneath the BLRC was determined to be predominantly towards the south, which is consistent with past monitoring events. Groundwater elevation data for March 2005 have been contoured as shown on Figure 3. Figures illustrating groundwater flow direction for the 2004 events are provided in Appendix A.

Groundwater elevation in most of the wells east of the Verdugo Fault rose approximately 25 to 78.5 feet over the period between October 2004 and March 2005. As illustrated in Table 3, groundwater has fluctuated significantly in the past. The variation of water levels measured in wells located on the northern and southern portions of the facility reflect the rates of water being added to the spreading basins to the north of BLRC and the time required for the water to reach each of the wells. Water level data, collected weekly at several key wells, is transmitted by BLRC directly to the Los Angeles County Flood Control District (LACFCD). The LACFCD can adjust water spreading operations to prevent groundwater levels from rising too close to the base of the fill.

The groundwater level in well 4916C, west of the Verdugo Fault, rose approximately 10.5 feet from October 2004 to March 2005.

2.3 GROUNDWATER GRADIENT AND FLOW VELOCITY

The average horizontal groundwater seepage velocity in the alluvial deposits, the target water-bearing zone downgradient of the landfill, was estimated using the following equation:

$$\mathbf{v = (K_h i)/n_e}$$

Where:

- v = average groundwater velocity,
- K_h = aquifer horizontal hydraulic conductivity,
- i = average hydraulic gradient (vertical change in groundwater elevation/ corresponding horizontal distance), and
- n_e = effective aquifer porosity.

The calculation utilizes an average hydraulic conductivity value of 120 feet per day (LCA, June 1987); an effective porosity of 22.5 percent (average of sand and gravel porosity; Heath, 1998); and an average hydraulic gradient of 0.021 feet per foot as estimated from Figure 3. Based on these calculations, the average groundwater seepage velocity reported at the site is approximately 11.2 feet per day or 4,088 feet per year.

Due to a steepening of the gradient, likely associated with the increased amount of artificial recharge from the spreading basin located to the northeast of the site, the groundwater flow velocity for this Winter 2004-Spring 2005 monitoring event is higher than the five previous semi-annual monitoring events which all demonstrated similar estimates of groundwater flow velocity.

2.4 GROUNDWATER SAMPLING AND ANALYTICAL PROGRAM

2.4.1 Field Program

The field sampling activities for the Winter 2004-Spring 2005 monitoring event were conducted on March 15, 16, 18, 21, 22, and 23, 2005. Monitoring well purging and sampling activities

were implemented in general accordance with the field procedures described in the WM June 2001 Sampling Standard and the site WDR. Any field or laboratory modifications to the standard are described below.

Groundwater monitoring wells were purged and sampled using the dedicated piston**,** bladder, or submersible pumps installed in each well. During purging, temperature, conductivity, and pH were measured using a QED instrument equipped with a flow cell and turbidity was measured using a LaMotte 2020 meter. Field sampling data sheets for the Winter 2004-Spring 2005 sampling event, documenting well equipment information, field parameter measurements, groundwater purge volumes, and field comments, are provided in Appendix B.

In March 2005, SCS also performed monitoring well inspections. Copies of the well inspection forms are provided in Appendix C.

2.4.2 Laboratory Analysis and Monitoring Parameters

As described in the site's WDR Monitoring and Reporting Program, the BLRC monitoring parameter list for downgradient wells (4916D, 4916F, 4916G, 4916H, 4916J, 4916L, and 4926C), upgradient wells (4915A, 4915B, 4915C, 4915D, 4915E, 4915M), and well 4916C (separate water body) was selected based on an evaluation of site specific information including background groundwater chemistry, leachate analytical results, and chemical detectibility, mobility, and persistence. The monitoring parameters for these wells are presented in Table 4, which also includes the WDR required annual analysis of groundwater collected from site wells for semi-volatile organic compounds (SVOCs), total cyanide, total sulfides, and selected metals (total). Annual leachate samples were collected during this monitoring period and were also analyzed for the semi-annual and annual parameters listed on Table 4.

Samples collected at the site were submitted to Severn Trent Laboratories (STL) in Arvada, Colorado for chemical analysis. Groundwater laboratory reports detailing reporting limits and method detection limits are included in Appendix D. Chain-of-custody and sampling form documentation has also been included with the laboratory reports.

With the exception of the groundwater samples analyzed for dissolved metals and cyanide, which were filtered in the field and preserved in the laboratory-provided bottles, all other samples were unfiltered. All samples were placed in laboratory-supplied bottles with the appropriate preservative at the time of sample collection.

2.5 GROUNDWATER ANALYTICAL PROGRAM RESULTS

The results of the Winter 2004-Spring 2005 groundwater monitoring event are summarized in Table 5 for general chemistry and Table 6 for VOCs. Refer to these tables for the constituents detected and their concentrations. The laboratory reports are provided in Appendix D.

Concentrations of inorganic compounds appear similar to the previous monitoring event with some relatively small increases and decreases of inorganic compounds in several wells (Table 5).

Preliminary indications of statistical increases during the current monitoring event are discussed in Section 4.0.

During the Winter 2004-Spring 2005 monitoring event, no VOCs were detected above the reporting limits in any of the upgradient wells. Concentrations below the reporting limits of methylene chloride and trichloroethene were detected in upgradient wells 4915D and/or 4915M. Of these detections, methylene chloride was likely caused by laboratory or field cross contamination since it was also detected in the associated method and trip blanks. Even though trichloroethene was only detected at a trace concentration (below the reporting limit) during the Winter 2004-Spring 2005 monitoring event, previous trichloroethene detections in upgradient well 4915M are discussed in more detail in Section 4.0.

During the Winter 2004-Spring 2005 monitoring event, trichloroethene was detected above the reporting limit in one downgradient well (4916L). In addition, vinyl chloride was detected above the reporting limit in three of the seven downgradient wells: 4916F, 4916H, and 4916J (Table 6). VOCs have historically been detected in these wells and are discussed further in Section 4.0. During this monitoring event, one or more of the following analytes were detected at concentrations less than the reporting limit in downgradient monitoring wells: acetone, benzene, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, dichlorodifluoromethane, 1,1-dichloroethane, 1,2-dichloroethane, cis-1,2-dichloroethene, 1,1-dichloroethene, 1,2-dichloropropane, methylene chloride, tetrachloroethene, toluene, trichloroethene, and vinyl chloride. Of these detections, methylene chloride was likely caused by laboratory or field cross contamination since it was also detected in the associated trip and/or method blanks for each sample. All of the affected downgradient wells have had similar VOC detections in the past.

The annual sampling for SVOCs, total sulfide, total cyanide, and seventeen total metals was conducted in March 2005. Total cyanide was detected at concentrations below the reporting limit of 0.010 mg/L in one upgradient well (4915A) and three downgradient wells (4916D, 4916G, and 4916H). Cyanide concentrations were well below the California Maximum Contamination Level (MCL) for drinking water of 0.15 mg/L. Total sulfide was detected at concentrations below the reporting limit (4 mg/L) in two upgradient wells (4915B and 4915D) and two downgradient wells (4916F and 4916H). Bis(2-ethylhexyl)phthalate was detected above the reporting limit in wells 4915D (upgradient) and 4926C (downgradient) and below the reporting limit in upgradient wells 4915B and 4915M. No other SVOCs were detected in any of the site wells. Bis(2-ethylhexyl)phthalate is a plasticizer for many resins and elastomers. Due to the use of plastic-type materials in laboratory and sampling procedures, STL has noted that this constituent is a common laboratory or field contaminant. In addition, detections included upgradient and downgradient wells, one of which is at least 2,500 feet north of any waste fill. No further action is recommended since the presence of this constituent in groundwater samples collected during this COC monitoring event is likely due a laboratory or field contaminant.

One or more of 17 total metals species (silver, arsenic, barium, beryllium, boron, cobalt, cadmium, chromium, copper, mercury, lead, potassium, manganese, nickel, antimony, selenium, and/or zinc) were detected in each of the wells. With the exception of manganese, none of the concentrations detected exceeded California MCLs for drinking water. Manganese exceeded the

secondary maximum contaminant level of 0.05 mg/L in six of the thirteen upgradient and downgradient monitoring wells sampled. Annual sampling results are included in the laboratory reports provided in Appendix D.

2.6 LEACHATE SAMPLING AND ANALYSIS

As required under the MRP (1996), leachate samples were collected during the Winter 2004-Spring 2005 period from Sumps B, D, E (new), and F. Sump A was not sampled during the current sampling event due to an obstruction in the vertical sump casing, Sump C was not sampled because of safety concerns (vertical height above ground surface and it was located in an active fill area), and Sump E (old) was not sampled due to insufficient liquid because of liquid extraction from Sump E (new). Leachate samples were collected on March 5, 21, and 23, 2005, and analyzed for all semi-annual and annual monitoring parameters required by the MRP (1996). Leachate samples collected at the site were submitted to STL for chemical analysis. The results of leachate analysis are included in Table 7. Copies of the laboratory reports, chain-of-custody and sampling form documentation have been included in Appendix E.

All substances detected in the leachate samples have previously been listed as constituents of concern for BLRC (Rust, August 8, 1995).

3.0 LABORATORY AND FIELD QUALITY ASSURANCE AND QUALITY CONTROL

The following highlights some of the information presented in the STL Quality Control Summary contained in each of the laboratory analytical reports for groundwater samples. For more detail, please review the appropriate portions of the laboratory reports.

3.1 TRIP BLANKS

Trip blank samples were submitted to STL for chemical analysis of VOCs using EPA Method 8260B. Methylene chloride and toluene were detected in one or more of the submitted trip blanks. Methylene chloride was also detected in all samples (at similar levels) associated with the trip blank containing methylene chloride. STL stated that this might indicate the possibility of laboratory or field contamination. Toluene was not detected in any of the samples associated with the trip blanks containing toluene, therefore no corrective action was performed.

3.2 HOLDING TIMES AND TEMPERATURE

All of the samples were reportedly analyzed within the required holding times appropriate for each analytical method.

Samples collected during the Winter 2004-Spring 2005 monitoring period arrived at STL with temperatures measured at between 2.2 and 5.8 degrees Celsius.

3.3 SAMPLE SURROGATE RECOVERIES

In one sample lot, the method 9030B/9034 laboratory control sample duplicate exhibited a recovery below the lower control limit for total sulfide, at 69% (control limits 70% to 130%). STL stated that due to insufficient sample volume, reanalysis could not be performed.

All other surrogate recoveries for this monitoring event were within acceptable ranges for all samples.

3.4 METHOD BLANKS

STL reported the detection of one or more of the following constituents in method blanks for groundwater samples collected during the Winter 2004-Spring 2005 monitoring event: chloride, methylene chloride, total dissolved solids, total organic carbon, total sulfide, total silver, and/or total chromium. All of these constituents were detected at levels below the requested reporting limits. STL stated that corrective action is not taken for any values in method blanks that are below the requested reporting limits.

All other laboratory method blanks processed for the Winter 2004-Spring 2005 monitoring event were within established control limits.

3.5 LABORATORY CONTROL SPIKES

During the Winter 2004-Spring 2005 sampling event, well samples 4915D, 4915B, 4916G, and 4926C were selected to fulfill the laboratory batch quality control requirements for analytical methods 300.0A, 415.1, and 9020B. STL stated that for samples 4915D, 4915B, 4916G, and 4926C the matrix spike/matrix spike duplicate recoveries of sulfate, fluoride, total organic carbon, and total organic halogens, respectively, were above the upper control limit, indicating the possible presence of matrix interference.

In some groundwater sample lots during the Winter 2004-Spring 2005 sampling event, STL reported that, due to result concentrations exceeding the calibration range, the matrix spike/matrix spike duplicate results for chloride and/or sulfate were estimated.

In several sample lots, the matrix spike/matrix spike duplicate performed on unrelated samples (not site samples but samples analyzed in the same sample batch) exhibited a matrix spike and/or matrix spike duplicate recovery outside control limits for total mercury (Method 7470A), fluoride (Method 300.0A), and/or chemical oxygen demand (Method 410.4). STL stated that, because the corresponding laboratory control and method blank samples were within control limits, the anomaly may be due to matrix interference and no corrective action was taken.

In some sample lots, STL also reported that percent recoveries of matrix spike/matrix spike duplicate and/or relative percent difference were not calculated for total manganese, total boron, dissolved calcium, and/or dissolved iron (Method 6010B) because sample concentrations were greater than four times the spike amount.

In some sample lots the method required matrix spike/matrix spike duplicate could not be performed for Methods 8270C and/or 9030B/9034 due to insufficient sample volume, however, STL stated that laboratory control sample/laboratory control sample duplicate (LCS/LCSD) pairs were analyzed to demonstrate method precision.

For one sample lot, the matrix spike/matrix spike duplicate could not be performed for total organic halogens (Method 9020B) due to an analyst error; however, a LCS/LCSD pair was analyzed to demonstrate method precision.

All other matrix spike and/or matrix spike duplicate for this monitoring event were within established control limits.

3.6 INITIAL CALIBRATION, CONTINUING CALIBRATION, AND INTERNAL MACHINE STANDARDS

Based on review of STL documents, all initial calibration, continuing calibration, and internal machine standards were within acceptable ranges.

4.0 EVALUATION OF ANALYTICAL RESULTS

4.1 CURRENT MONITORING RESULTS

The statistical program used to analyze inorganic parameters at BLRC is DUMPStat (Downgradient Upgradient Monitoring Program Statistics). BLRC is approved for the utilization of inter-well comparisons as the statistical evaluation method for inorganic analyses. An inter-well approach compares individual well measurements to the historical chemical dataset from upgradient wells. The resulting statistical analysis produces a prediction limit to which each new measurement is compared. Prediction limits and chemical comparisons for the Winter 2004-Spring 2005 monitoring event are presented in both graphical and tabular form in Appendix F. Appendix F also includes time versus concentrations diagrams for VOCs.

Analysis of data from this Winter 2004-Spring 2005 monitoring event completed in March 2005 identified concentrations above the statistical prediction limit in WDR/MRP listed downgradient wells 4916F, 4916H, and 4916J for bicarbonate alkalinity and wells 4916D, 4916F, 4916H, and 4916J for biochemical oxygen demand (BOD). These statistical results are consistent with the results of the last two monitoring events and are discussed in detail in Section 4.2.

In addition to the above-noted existing verified statistical increases, initial statistical increases were identified in the following wells:

- Well 4916 F for dissolved calcium, dissolved magnesium, and specific conductance
- Well 4916 H for dissolved calcium and dissolved magnesium
- Well 4916J for dissolved calcium and dissolved magnesium
- Well 4926C for BOD

Increases in dissolved calcium, dissolved magnesium, alkalinity, and specific conductance concentrations were also observed in June 2001, August 2001 and August/September 2003 in wells 4916F, 4916H, and 4916J. SCS Optional Demonstration Reports (ODRs) dated November 2001 and March 2004 (discussed in detail in Section 4.2) concluded that alkalinity and other related inorganic compounds increases were likely due to the reaction and effects of landfill gas on some inorganic compounds in groundwater and not the release of liquids from the landfill. Since increases in dissolved calcium, dissolved magnesium, and specific conductance have been observed before in the same wells and it was determined that these were not related to a release of liquids from the landfill, no resampling is recommended for these constituents.

With regard to the BOD detection in 4926C, BOD has been evaluated in detail in SCS ODRs dated March and August 2004, both of which concluded that BOD was not related to a release of liquids from the landfill, nor is it gas related, but appears to be a field or laboratory artifact, most likely due to chemical or other interferences. Since ODRs have explained that the sporadic detection of BOD is not caused by landfill gas or a release from the landfill, resampling is not recommended at this time.

In the March 2005 sample from WDR-listed downgradient well 4916L, TCE was detected at 25 µg/L, which is above the reporting limit, California MCL, and the WQPS. However, this well is a downgradient well and in the corrective action program and, based on the BLRC Proposed Monitoring and Reporting Program (Rust, August 8, 1995), does not require resampling.

During this monitoring period, in addition to the above-mentioned occurrence of TCE, one other VOC species was detected above the WQPS. Vinyl chloride was detected in wells 4916F, 4916H, and 4916J at concentrations ranging from 1.8 to 4.6 µg/L. The BLRC WQPS for vinyl chloride is listed as 0.5 µg/L in the WDR/MRP. This WQPS value is thus equal to the MCL in drinking water for this compound. Vinyl chloride concentrations are similar to those previously detected in the same wells. All wells with vinyl chloride detections are in the corrective action program and, based on the BLRC Proposed Monitoring and Reporting Program (Rust, August 8, 1995), do not require resampling.

In addition, one or two VOC species were detected at trace concentrations in upgradient wells 4915D and 4915M. Methylene chloride was detected in 4915D, 4915M, and in their associated method and trip blanks, and appears to be attributed to laboratory or field cross contamination. The only other VOC detected upgradient wells was a trace level of TCE detected in 4915M. The detection of TCE in this well has been evaluated in SCS ODR dated October 2003b where it was determined that the TCE was from an upgradient source and not related to a release of liquids or gas from the landfill.

4.2 SUMMARY OF PREVIOUS INDICATIONS OF STATISTICAL INCREASES

The following documents have been produced for previous indications of statistical increases or VOCs detections identified in the recent past:

- Fall 2003 (August –September 2003) statistical analysis identified initial indication that the statistical prediction limit was exceeded in the WDR/MRP listed downgradient wells 4916F, 4916H, and 4916J for bicarbonate alkalinity and wells 4916D, 4916F, 4916G, and 4916H for BOD. Analytical results of the resampling conducted in November 2003, confirmed the statistically significant increase of bicarbonate alkalinity in wells 4916F, 4916H, and 4916J and BOD in wells 4916D, 4916F, 4916G, and 4916H (SCS, December 22, 2003). The SCS ODR (March 2004) states statistical increases for alkalinity are likely due to landfill gas and are not due to a release of liquids from the landfill. The verified increases for BOD are also not due to release of liquids from the landfill, nor is the detection of this analyte gas related, but appears to be a field or laboratory artifact, most likely due to chemical or other interferences. The BLRC is currently in corrective action with respect to landfill gas impacts to groundwater and additional engineering controls are continuously being applied to increase the effectiveness of gas recovery and control.

- Spring 2004 (February - March 2004) statistical analysis identified initial indication that the statistical prediction limit was exceeded in the WDR/MRP listed downgradient well 4916J for BOD. Analytical results of the resampling conducted in April 2004, confirmed

the statistically significant increase of BOD in well 4916J (SCS, May 25, 2004). The August 2004 SCS ODR states that the verified increases for BOD are not due to release of liquids from the landfill, nor is the detection of this analyte gas related, but appears to be a field or laboratory artifact, most likely due to chemical or other interferences.

- Fall 2004 (August-September 2004) groundwater analysis identified two VOC species at trace concentrations in each of wells 4915C, 4915E, and 4915M. A WM letter dated November 3, 2004, to the RWQCB, indicated that the DQR verified the analytical results. Resampling of the three wells was conducted on November 11, 2004. As indicated the WM letter dated November 24, 2004, resampling verified the detection of two trace concentrations of VOCs in well 4915E only and that an ODR will be submitted to the RWQCB within 180 days of the data validation, which occurred on November 22, 2004. This ODR will be submitted to the RWQCB in May 2005.

5.0 WASTE DISPOSAL INFORMATION

This section summarizes waste disposal activities at the BLRC during the Winter 2004-Spring 2005 monitoring period and also provides annual reporting as required by the WDR. The information presented satisfies the waste disposal reporting requirements of RWQCB Monitoring and Reporting Program No. 6434 (WDR Order No. 94-059), and the facility's Solid Waste Facility Permits (19-AR-0004 and 19-AR-0008) issued by the City of Los Angeles. The information summarized below was obtained from the Monthly Waste Disposal Reports that are sent to the RWQCB or Monthly Tonnage Reports that are sent to the City of Los Angeles Environmental Affairs Department. Additional information was obtained verbally from personnel at BLRC.

5.1 WASTE DISPOSAL ACTIVITIES

A total of approximately 120,625 tons (or 157,000 cubic yards) of residential waste, commercial waste, industrial waste, and special waste (profiled contaminated soil and other profiled waste) were accepted during October 2004 through March 2005 (Winter 2004-Spring 2005).

Taking into account the receipt of the refuse for October 2004 through March 2005, and aerial topography elevation data collected on April 28, 2004, the remaining operational life of BLRC is estimated at 4 months based on a refuse density of 1,500 pounds per cubic yard.

BLRC did not take any auto shredder waste between October 2004 and March 2005.

5.2 WASTE LOAD CHECKING PROGRAM

Load checking data sheets are maintained on file at the site and list the household hazardous wastes detected at the BLRC during the Winter 2004-Spring 2005 period. According to BLRC representatives, all employees of the Bradley Landfill are trained in the identification of wastes that are unacceptable for disposal at this facility. The training program consists of initial hire training and at least annual training thereafter. Unacceptable materials for disposal identified during load checking, or otherwise found at the site, are sent back with the transporter or disposed at a licensed facility, as listed in Appendix G.

During the October 2004 through March 2005 period, the following items were identified and disposed offsite at one of the licensed disposal facilities listed in Appendix G in accordance with required procedures:

DESCRIPTION	ESTIMATED QUANTITY
Oily Debris	56 Gallons
Flammable Materials	14 Gallons
Paint Related Products	23 Gallons
Batteries	4

5.3 LOCATION OF SEEPS

During heavy rainfall in February 2005, two seeps were observed. On February 23, 2005, a seep was observed at the northern end of the site and, on February 28, 2005, a second seep was observed along the southwest falling slope in the vicinity of what is known as the Wickes Gate. Berms were constructed to contain the liquid at each area. The liquid was pumped into a tanker truck and transported to the sewer discharge point used for leachate disposal. Soil was placed over each area and compacted. No other seeps were found at the site during the Winter 2004-Spring 2005 period. A map showing the location of the seeps observed in February 2005 is provided in Appendix H.

5.4 ESTIMATED WATER USE

The BLRC estimates 7,426,892 gallons of water, supplied by City of Los Angeles Department of Water and Power, were used at the landfill between October 2004 and March 2005 for dust control and irrigation.

5.5 LEACHATE GENERATION AND DISPOSAL

Between October 2004 and March 2005, approximately 312,525 gallons of leachate were pumped from the leachate collection and removal sumps. Volumes of liquid removed from January 2004 through March 2005 are summarized below. All leachate produced at BLRC is disposed of through a discharge to the City of Los Angeles Sanitary Sewer System in accordance with Industrial Waste Permit W-430638.

SUMP ID	VOLUME (IN GALLONS) Removed								
	2004								
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
A	0	0	0	0	0	0	150	1,328	78
B	50,400	14,400	9,400	30,650	7,858	13,552	0	14,768	5,211
C	10,425	37,400	22,675	69,490	23,590	19,919	36,659	17,007	1
D	525	0	0	198	302	244	40	215	0
E	5,425	15,125	44,625	2,615	191	0	0	0	0
E (New)	Not applicable	Not applicable	Not applicable	86,456	94,094	103,481	68,178	45,725	13,574
F	650	23,075	62,950	43,818	9,671	29,801	7,580	10,885	47,354

SUMP ID	VOLUME (IN GALLONS) Removed					
	2004			2005		
	Oct	Nov	Dec	Jan	Feb	Mar
A	0	0	0	0	0	0
B	5,745	5,655	5,471	6,038	7,790	5,302
C	0	2,055	14,591	7,762	0	0
D	360	169	0	0	0	0
E	0	0	0	0	0	0
E (New)	37,342	26,655	26,059	14,726	2,044	26,647
F	21,686	22,356	17,709	12,262	23,707	20,394

An obstruction in the Sump A vertical casing is being repaired. Repairs are anticipated to be complete by mid May 2005. Volumes of liquid in original Sump E have been reduced by the extraction of liquid from Sump E (New). Due to an obstruction in the vertical riser of the original Sump E, pumping equipment cannot reach the standing water in Sump E.

5.6 RODENT CONTROL

The rodent control reports for October 2004 through March 2005 are included in Appendix I. Several months of rodent control reports were not available at the time of publication of the SCS October 2004 report and have been included in this report to complete that submittal.

5.7 TRUST FUND

The City of Los Angeles has released Bradley Landfill from the closure and post-closure maintenance agreement and related trust fund. The City has determined that a separate fund duplicated coverage provided by a Letter of Credit (No. 1S1335057) issued by Fleet National Bank and submitted to the CIWMB. The CIWMB has reaffirmed with the City that the Letter of Credit meets the requirements of Title 27.

5.8 ANNUAL REPORTING REQUIREMENTS

The following subsections summarize the annual reporting requirements listed in the California Regional Water Quality Control Board, Los Angeles Region's Standard Provisions for Implementing Subtitle D, which was included as an attachment to the BLRC WDR.

5.8.1 Graphical Representation of Analytical Data

Graphical presentation of the analytical data for BLRC monitoring wells is provided in Appendix F.

5.8.2 Electronic Submittal of Information

The RWQCB copy of this report will include a disk containing electronic copies of Tables 5, 6, and 7 which includes a summary of groundwater and leachate data collected during the Winter 2003-Spring 2004 (SCS, April 2004), Summer-Fall 2004 (SCS, October 2004), and Winter 2004-Spring 2005 (SCS, April 2005) monitoring periods for BLRC. An Adobe Acrobat .pdf version of this report and electronic data submittal will be submitted through the California State Water Quality Control Board Geotracker System.

5.8.3 Compliance Monitoring

BLRC is currently in compliance with the site WDR.

5.8.4 Location of Waste Filling

Copies of figures showing areas filled in the Year 2004, January 2005, February 2005, and March 2005 at BLRC are provided in Appendix J.

5.8.5 Summary of Changes to Monitoring Program

No changes have been made to the monitoring program in 2004. However, as noted earlier, in May 2002, WMI received permission from the RWQCB to modify groundwater monitoring well sampling and reporting practices so that they comply with RWQCB, Revised Monitoring and Reporting Program (MRP) for Acceptance of Non-Hazardous Treated Auto Shredder Waste (TASW) for Bradley Landfill and Recycling Center, Sun Valley (RWQCB, November 1, 1996). On May 1, 2002, at the request of the RWQCB, WM documented and submitted a notification of change to the RWQCB. This notification states that BLRC would commence with semi-annual sampling and monitoring of all site groundwater wells (4915A, 4915B, 4915C, 4915D, 4915E, 4915M, 4916G, 4916D, 4916F, 4916G, 4916H, 4916J, 4916L, 4926C, and 4916C), for MRP listed monitoring parameters and continue other activities, such as weekly and monthly groundwater level readings and leachate liquid level readings (WMI, May 1, 2002).

Sections 2 and 4 provide summaries of current groundwater data and statistical evaluation of groundwater analytical data.

5.8.6 Evaluation of Leachate Control System

Leachate monitoring and extraction is conducted to ensure that leachate is managed in compliance with applicable regulatory requirements. During the 2004 calendar year, the total volume of leachate removed from BLRC was approximately 1,287,600 gallons. Sump A, which was damaged by fire, will be repaired by mid May 2005. With the completion of repairs to Sump A, WM will be able to measure leachate levels and pump liquids when detected in all LCRS sumps.

Please refer to Table 7 for a summary of analytical results for the annual sampling of leachate.

6.0 CONCLUSIONS

As noted in Section 4.0, for the Winter 2004-Spring 2005 period (October 1, 2004 through March 31, 2005), statistical charts showed concentrations above prediction limits for wells 4916F, 4916H, and 4916J for bicarbonate alkalinity and wells 4916D, 4916F, 4916H and 4916J for BOD. As discussed in SCS ODRs dated March and August 2004 the verified statistical increases for alkalinity are likely due to the effects of landfill gas on inorganic groundwater chemistry and are not due to a release of liquids from the landfill. The ODRs also reported that the verified increases for biochemical oxygen demand are not due to release of liquids from the landfill, nor are they gas related, but appear to be due to a field or laboratory artifact, most likely due to chemical or other interferences. The BLRC is currently in corrective action with respect to landfill gas impacts to groundwater and additional engineering controls are continuously being applied to increase the effectiveness of gas extraction.

In addition to the above-noted existing verified statistical increases, concentrations greater than site prediction limits were indicated for the following wells and analytes during the Spring 2005 sampling event:

- Well 4916 F for dissolved calcium, dissolved magnesium, and specific conductance
- Well 4916 H for dissolved calcium and dissolved magnesium
- Well 4916J for dissolved calcium and dissolved magnesium
- Well 4926C for BOD

Increases in dissolved calcium, dissolved magnesium, alkalinity, and specific conductance concentrations have previously been observed at the site (June 2001, August 2001 and August/September 2003 in wells 4916F, 4916H, and 4916J). SCS ODRs dated November 2001 and March 2004 (discussed in detail in Section 4.2) concluded that the alkalinity and the other related inorganic compounds increases were due to local influence by of landfill gas and not the release of liquids from the landfill. Since increases in dissolved calcium, dissolved magnesium, and specific conductance have been observed before in the same wells and it was determined that these were not related to a release of liquids from the landfill, no resampling is recommended for these constituents. However, it is important to note that BLRC uses the inorganic analysis (in addition to routine methane monitoring) to constantly refine the gas management system at the site. It appears that these inorganic analytes serve as a benign leading indicator for necessary landfill gas system adjustments. Considering that VOCs (recent past and present) are not at increasing levels, this practice appears to be very useful in determining the efficiency of the gas management system.

With regard to the BOD detection in 4926C, BOD has been evaluated in detail in SCS ODRs dated March and August 2004, both of which concluded that BOD was not related to a release of liquids from the landfill, nor is it gas related, but appears to be a field or laboratory artifact, most likely due to chemical or other interferences. Since these ODRs have explained that the sporadic detection of BOD is not caused by landfill gas or a release from the landfill, resampling is not recommended at this time.

The WQPS for the facility was exceeded during the Winter 2004-Spring 2005 monitoring period for two constituents, vinyl chloride and TCE. Vinyl chloride was detected in three wells, 4916F, 4916H, and 4916J, at values from 1.8 to 4.6 µg/L (above the WQPS of 0.5 µg/L). TCE was detected at 25 µg/L in well 4916L, which is above the reporting limit, California MCL, and the WQPS. These wells are included in the downgradient corrective action program monitoring program and do not require resampling.

In addition, one or two VOC species were detected at trace concentrations in upgradient wells 4915D and 4915M. Methylene chloride was detected in 4915D, 4915M, and in their associated method and trip blanks, and appears to be attributed to laboratory or field cross contamination. The only other VOC detected upgradient wells was a trace level of TCE detected in 4915M. The detection of TCE in this well has been evaluated in the SCS ODR dated October 2003b where it was determined that the TCE was from an upgradient source and not related to a release of liquids or gas from the landfill.

As discussed in earlier sections of this report, several ODRs and related documents have been submitted to the RWQCB for comment in the past couple years, these include:

- SCS Engineers, August 2004. Optional Demonstration Report, Biological Oxygen Demand in Well 4916J, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.

- SCS Engineers, March 2004. Optional Demonstration Report, Alkalinity in Wells 4916F, 4916H, 4916J, Biological Oxygen Demand in Wells 4916D, 4916F, 4916G, 4916H, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.D.

- SCS Engineers, October 2003b. Optional Demonstration Report, Well 4915M, Bradley Landfill and Recycling Center (BLRC), Sun Valley, California.

- SCS Engineers, May 1, 2003. Information Regarding Possible Initial Indications of a Statistical Exceedance, Potassium in Well 4916H, Spring 2003 Groundwater Monitoring, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.

- SCS Engineers, November 2001. Optional Demonstration Report, Bradley Landfill and Recycling Center, Sun Valley, California.

- Waste Management, May 1, 2002. Notification of Change for Groundwater Well Sampling and Reporting for Bradley Landfill and Recycling Center (File No. 78-27).

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Rust Environment and Infrastructure (Rust), August 8, 1995. Proposed Monitoring and Reporting Program for the Bradley Landfill and Recycling Center.

SCS Engineers, October 2004. Groundwater Monitoring Report Summer- Fall 2004 Monitoring Period Ending September 30, 2004, Bradley Landfill and Recycling Center, Sun Valley, California.

SCS Engineers, August 2004. Optional Demonstration Report, Biological Oxygen Demand in Well 4916J, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.

SCS Engineers, May 25, 2004. Confirmation of Statistical Increase in Well 4916J for the Semi-Annual/Annual Groundwater Monitoring Period Ending March 31, 2004, Bradley Landfill and Recycling Center, Sun Valley, California.

SCS Engineers, April 29, 2004. Notification of Initial Evidence of Statistical Increase in Well 4916J and Volatile Organic Compound Detection in Well 4915M as presented in Groundwater Monitoring Report for Winter 2003-Spring 2004 Monitoring Period, Bradley Landfill and Recycling Center, Sun Valley, California dated April 2004.

SCS Engineers, April 2004. Groundwater Monitoring Report, Winter 2003/Spring 2004 Monitoring Period & Annual Reporting Requirements, Bradley Landfill and Recycling Center, Sun Valley, CA.

SCS Engineers, March 2004. Optional Demonstration Report, Alkalinity in Wells 4916F, 4916H, 4916J, Biological Oxygen Demand in Wells 4916D, 4916F, 4916G, 4916H, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.

SCS Engineers, December 22, 2003. Confirmation of Statistical Increase in Concentration Groundwater Parameters for the Semi-Annual 2003 Groundwater Monitoring Period Ending September 30, 2003, Bradley Landfill and Recycling Center, Sun Valley, California.

SCS Engineers, November 13, 2003. Notification of an Initial Evidence of Statistical Increase for the Semi-Annual 2003 Groundwater Monitoring Period Ending September 30, 2003, Bradley Landfill and Recycling Center, Sun Valley, California.

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SCS Engineers, October 2003a. Groundwater Monitoring Report, Summer/Fall 2002 Monitoring Period Ending September 30, 2003, Bradley Landfill and Recycling Center, Sun Valley, California.

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SCS Engineers, January 2002. Groundwater Monitoring Report, Fourth Quarter Corrective Action Program Wells, Year 2001, 4th Quarter Sampling Event, Bradley Landfill and Recycling Center, Sun Valley, California.

SCS Engineers, January 9, 2002. Results of Verification Sampling, Third Quarter 2001 Groundwater Monitoring, Bradley Landfill and Recycling Center, Sun Valley, California letter.

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SCS Engineers, August 22, 2001. Verification Resampling Bradley Landfill and Recycling Center, Sun Valley, California letter.

SCS Engineers, July 2001. Groundwater Monitoring Report for Corrective Action Program Wells, Year 2001, 2nd Quarter Sampling Event, Bradley Landfill and Recycling Center, Sun Valley, California.

Waste Management, November 24, 2004. Resample Results for Detection of Two Trace Volatile Organic Compounds in Wells 4915C, 4915E, and 4915M, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.

Waste Management, November 3, 2004. Notification of Initial Volatile Organic Compound Detection in Wells 4915C, 4915E, and 4915M as presented in SCS Engineers Groundwater Monitoring Report, Summer-Fall 2004 Monitoring Period Ending September 30, 2004, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.

Waste Management, June 26, 2003. Notification of Detection of Volatile Organic Compound, Bradley Landfill and Recycling Center (BLRC), Sun Valley, CA.

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Waste Management, January 28, 2002. Notification of an Initial Statistical Indication, Fourth Quarter 2001 Groundwater Monitoring Event, Bradley Landfill and Recycling Center, Sun Valley, California letter.

Waste Management, November 6, 2001. Notification of an Initial Statistical Indication, Third Quarter 2001 Groundwater Monitoring Event, Bradley Landfill and Recycling Center, Sun Valley, California letter.

Waste Management, August 1, 2001. Notice of Exceedence and Verification Resampling, Bradley Landfill and Recycling Center Bradley Landfill and Recycling Center, Los Angeles County (File No. 78-27) letter.

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Waste Management Inc., April 30, 2001. Optional Demonstration Report, Bradley Landfill and Recycling Center, Los Angeles County (File No. 78-27).

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Waste Management Recycling and Disposal Services of California (WMRDSC), July 11, 1996. Alternative Source Demonstration for Sulfate in Monitoring Well 4916L: File No. 78-27.

FIGURES

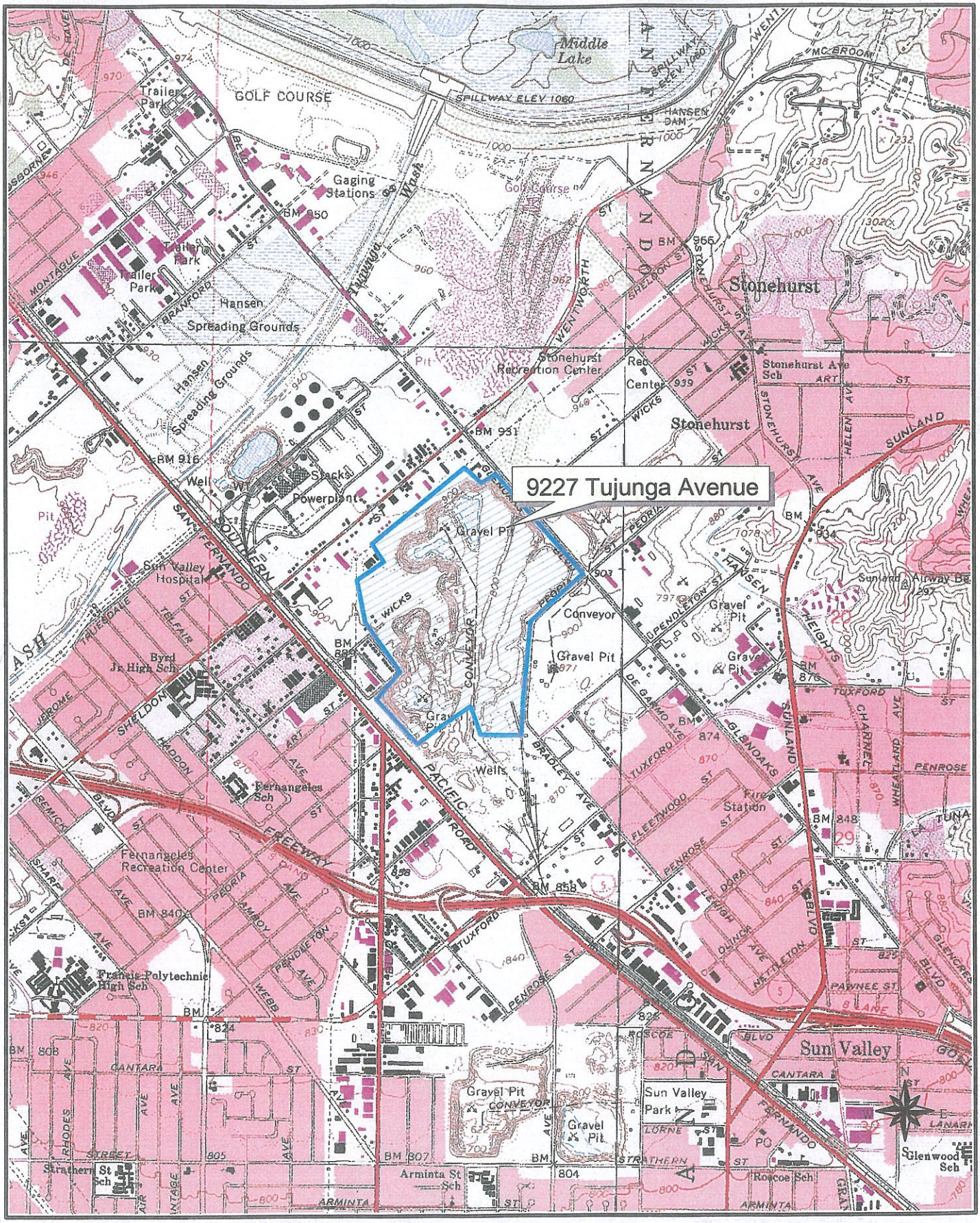
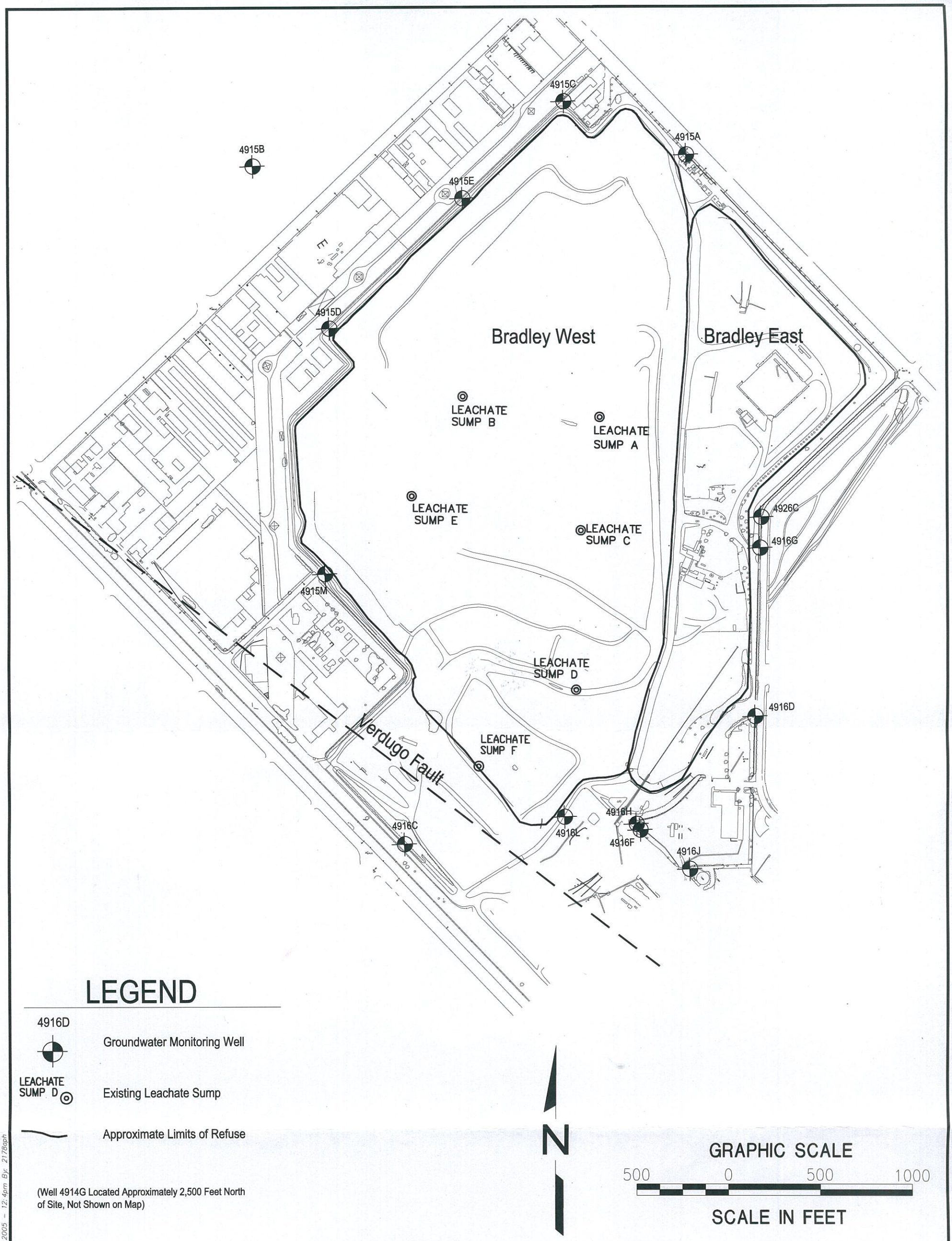


Figure 1. Bradley Landfill and Recycling Center Site Map

1:24000

700 0 700 Meters

California -Los Angeles County
USGS Topographic Map 7.5 Minute Series
Van Nuys Quadrangle- 1996
Burbank Quadrangle- 1996
San Fernando Quadrangle- 1996
Sunland Quadrangle- 1996



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SHEET TITLE: Facility Site Plan with Monitoring Locations

PROJECT TITLE: Bradley Landfill and Recycling Center
Sun Valley, California

PROJ. NO.	DWN. BY:	ACAD FILE:	SCALE:	DATE	
01201026.00	APH		1' = 500'	April 2005	Figure 2
DSN. BY:	CHK. BY: TQS	APP. BY: KWG			

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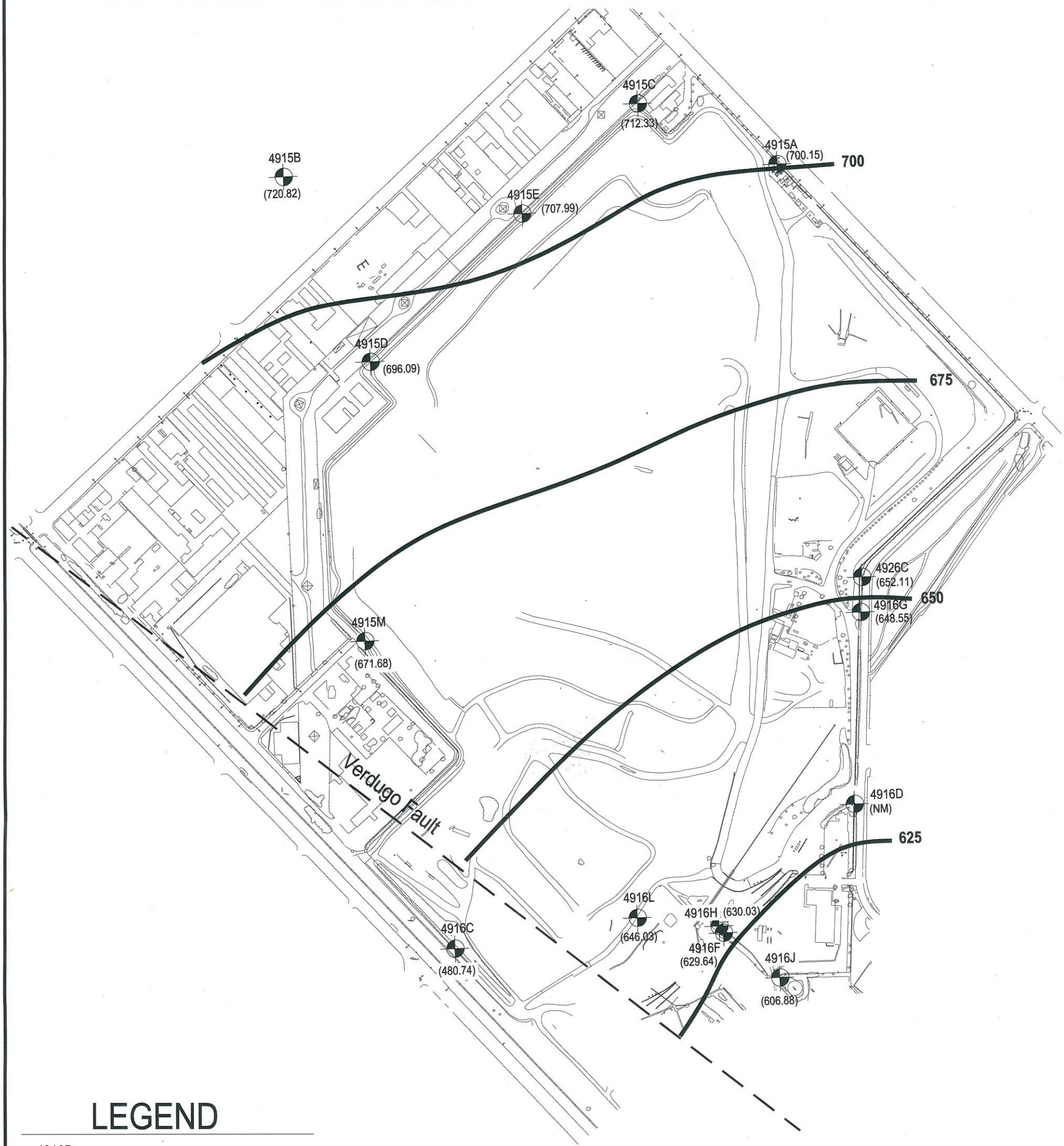

LEGEND

4916D — Groundwater Monitoring Well with Groundwater Elevation in Feet from March 3, 2005

(641.76)

Groundwater Contour

(NM) Not Measured

(Well 4914G Located Approximately 2,500 Feet North of Site, Not Shown on Map)

N

GRAPHIC SCALE

500 0 500 1000

SCALE IN FEET

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SHEET TITLE: Groundwater Elevations and Contours, March 2005

PROJECT TITLE: Bradley Landfill and Recycling Center
Sun Valley, California

PROJ. NO. 01201026.00	DWN. BY: APH	ACAD FILE:	SCALE: 1' = 500'	DATE April 2005	Figure 3
DSN. BY:	CHK. BY: TQS	APP. BY: KHL			

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TABLES

TABLE 1.
GROUNDWATER MONITORING WELL NETWORK
BRADLEY LANDFILL AND RECYCLING CENTER

Monitoring Point/Well No.	Upgradient (U) or Downgradient (D) Wells	Comment	Monitored Unit
4914G	U		Alluvium
4915A	U		Alluvium
4915B	U		Alluvium
4915C	U		Alluvium
4915D	U		Alluvium
4915E	U		Alluvium
4915M	U		Alluvium
4916C	Monitors Separate Water System	Former Production Well	West of Verdugo Fault
4916D	D	Former Production Well	Alluvium
4916F	D		Alluvium
4916G	D		Alluvium
4916H	D		Alluvium
4916J	D		Alluvium
4916L	D		Alluvium
4926C	D		Alluvium

TABLE 2.
WELL CONSTRUCTION DETAIL
BRADLEY LANDFILL AND RECYCLING CENTER

Monitoring Point/Well No.*	Total Depth of Well Casing (feet bgs)	Reference Elevation (feet msl)	Approximate Screened Interval (feet bgs)	Casing Diameter (inches)	Dedicated Equipment	Total Depth of Boring (feet bgs)	Ground Elevation Noted on Boring/Well Logs	Top of Casing Referenced on Boring/Well Logs
4915A	310	928.45	275-310	6	Piston	320	NA	NA
4915B	400	917.64	200-400	8	Bladder	400	NA	NA
4915C	280	927.90	175-280	4.5	Piston	285	NA	NA
4915D	324.5	915.86	174.5-324.5	4	Bladder	327.5	864.4	NA
4915E	325	927.19	175-325	4	Piston	328	923.9	926.9
4915M	276.3	898.12	190.8-275.8	4	Bladder	280	897.1	898.7
4926C**	280	901.21	185 to 280	4.5	Bladder	282	NA	NA
4914G**	NA	950.61	NA	4	No Pump	NA	NA	NA
4916C**	500	877.49	300-500	14	Submersible	NA	NA	NA
4916D	325	891.07	220-320	8	Submersible	352	NA	NA
4916F	254	860.10	169-254	4.5	Piston	259	NA	NA
4916G	363***	900.55	188-363***	4	Bladder	364	NA	NA
4916H	337***	860.23	172-337***	4	Piston	339	NA	NA
4916J	310	867.13	150-310	4	Bladder	314	864.4	867.13
4916L	269.5	860.90	168.9 to 253.9 263.9 to 269.9[1]	4	Bladder	244	828.3	830.05

* Information from boring and well logs unless otherwise noted.
** = No boring logs available, information obtained from HardingESE (April 2001).
*** No well construction detail, information from Rust Environmental & Infrastructure (August 8, 1995).
# = Elevations from HardingESE (April 2001) and Waste Mangement, Inc.
[1] = The depths to screen intervals have been revised to reflect the verticle extension of the well casing. The boring log lists 138.9 to 223.9 233.9 to 238.9 as the screen intervals below ground surface.
bgs = below ground surface
msl = mean sea level
NA = Not available

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4915A	01/18/02	928.45	266.94	661.51	725
	02/15/02		267.68	660.77	
	03/22/02		267.56	660.89	
	04/17/02		268.54	659.91	
	05/17/02		270.47	657.98	
	06/21/02		274.44	654.01	
	07/18/02		277.57	650.88	
	08/02/02		279.37	649.08	
	09/05/02		282.83	645.62	
	10/11/02		286.03	642.42	
	11/14/02		288.10	640.35	
	12/12/02		289.48	638.97	
	01/09/03		289.92	638.53	
	02/07/03		289.35	639.10	
	03/13/03		282.97	645.48	
	04/15/03		266.27	662.18	
	05/15/03		254.94	673.51	
	06/19/03		244.47	683.98	
	07/17/03		241.45	687.00	
	08/14/03		245.71	682.74	
	09/18/03		254.60	673.85	
	10/23/03		260.17	668.28	
	11/13/03		263.80	664.65	
	12/18/03		268.92	659.53	
	01/15/04		270.75	657.70	
	02/12/04		269.89	658.56	
	03/25/04		262.76	665.69	
	04/22/04		252.37	676.08	
	05/27/04		254.87	673.58	
	06/29/04		259.22	669.23	
	07/22/04		262.48	665.97	
	08/26/04		267.55	660.90	
	09/30/04		273.35	655.10	
	10/28/04		277.70	650.75	
	11/18/04		273.35	655.10	
	12/17/04		262.12	666.33	
	01/11/05		258.65	669.80	
	02/23/05		232.26	696.19	
	03/03/05		228.30	700.15	
MW4915B	01/18/02	917.64	263.40	654.24	
	02/15/02		264.01	653.63	
	03/22/02		264.68	652.96	
	04/17/02		266.25	651.39	
	05/17/02		268.47	649.17	
	06/21/02		271.67	645.97	
	07/18/02		274.27	643.37	
	08/02/02		275.88	641.76	
	09/05/02		279.86	637.78	
	10/11/02		282.45	635.19	
	11/14/02		284.66	632.98	
	12/12/02		286.28	631.36	
	01/09/03		287.34	630.30	
	02/07/03		285.79	631.85	
	03/13/03		278.00	639.64	
	04/15/03		251.65	665.99	
	05/15/03		245.27	672.37	
	06/19/03		228.32	689.32	
	07/17/03		229.85	687.79	
	08/14/03		237.85	679.79	
	09/18/03		250.00	667.64	
	10/23/03		257.87	659.77	
	11/13/03		262.06	655.58	
	12/18/03		267.27	650.37	
	01/15/04		268.67	648.97	
	02/12/04		267.72	649.92	
	03/25/04		249.82	667.82	
	04/22/04		242.70	674.94	
	05/27/04		249.95	667.69	
	06/29/04		256.52	661.12	
	07/22/04		260.30	657.34	
	08/26/04		266.11	651.53	
	09/30/04		271.30	646.34	
	10/28/04		275.68	641.96	
	11/18/04		261.63	656.01	
	12/17/04		251.22	666.42	
	01/11/05		247.60	670.04	
	02/23/05		198.80	718.84	
	03/03/05		196.82	720.82	

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4915C	01/18/02	927.90	261.75	666.15	
	02/15/02		262.03	665.87	
	03/22/02		262.04	665.86	
	04/17/02		263.30	664.60	
	05/17/02		265.38	662.52	
	06/21/02		269.63	658.27	
	07/18/02		272.93	654.97	
	08/02/02		274.80	653.10	
	09/05/02		278.10	649.80	
	10/11/02		Dry	N/A	
	11/14/02		Dry	N/A	
	12/12/02		Dry	N/A	
	01/09/03		Dry	N/A	
	02/07/03		Dry	N/A	
	03/13/03		275.66	652.24	
	04/15/03		255.30	672.60	
	05/15/03		246.92	680.98	
	06/19/03		235.00	692.90	
	07/17/03		233.49	694.41	
	08/14/03		240.08	687.82	
	09/18/03		250.10	677.80	
	10/23/03		256.11	671.79	
	11/13/03		259.08	668.82	
	12/18/03		264.10	663.80	
	01/15/04		265.30	662.60	
	02/12/04		264.08	663.82	
	03/25/04		252.77	675.13	
	04/22/04		244.15	683.75	
	05/27/04		248.97	678.93	
	06/29/04		253.68	674.22	
	07/22/04		257.45	670.45	
	08/26/04		262.70	665.20	
	09/30/04		269.36	658.54	
	10/28/04		273.06	654.84	
	11/18/04		265.10	662.80	
	12/17/04		273.51	654.39	
	01/11/05		251.30	676.60	
	02/23/05		219.60	708.30	
	03/03/05		215.57	712.33	
MW4915D	01/18/02	915.86	267.67	648.19	745
	02/15/02		268.94	646.92	
	03/22/02		269.67	646.19	
	04/17/02		270.88	644.98	
	05/17/02		272.71	643.15	
	06/21/02		275.72	640.14	
	07/18/02		278.59	637.27	
	08/02/02		280.20	635.66	
	09/05/02		283.60	632.26	
	10/11/02		286.96	628.90	
	11/14/02		289.63	626.23	
	12/12/02		291.34	624.52	
	01/09/03		292.48	623.38	
	02/07/03		292.98	622.88	
	03/13/03		287.86	628.00	
	04/15/03		267.68	648.18	
	05/15/03		258.20	657.66	
	06/19/03		244.61	671.25	
	07/17/03		241.57	674.29	
	08/14/03		244.80	671.06	
	09/18/03		253.97	661.89	
	10/23/03		261.75	654.11	
	11/13/03		266.06	649.80	
	12/18/03		271.20	644.66	
	01/15/04		273.34	642.52	
	02/12/04		273.10	642.76	
	03/25/04		263.50	652.36	
	04/22/04		254.24	661.62	
	05/27/04		256.56	659.30	
	06/29/04		261.46	654.40	
	07/22/04		264.77	651.09	
	08/26/04		270.37	645.49	
	09/30/04		276.15	639.71	
	10/28/04		279.25	636.61	
	11/18/04		274.13	641.73	
	12/17/04		262.98	652.88	
	01/11/05		259.46	656.40	
	02/23/05		224.52	691.34	
	03/03/05		219.77	696.09	

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4915E	01/18/02	927.19	267.23	659.96	
	02/15/02		267.77	659.42	
	03/22/02		268.08	659.11	
	04/17/02		269.31	657.88	
	05/17/02		271.39	655.80	
	06/21/02		275.19	652.00	
	07/18/02		278.22	648.97	
	08/02/02		279.92	647.27	
	09/05/02		283.17	644.02	
	10/11/02		286.34	640.85	
	11/14/02		288.63	638.56	
	12/12/02		290.07	637.12	
	01/09/03		290.83	636.36	
	02/07/03		289.60	637.59	
	03/13/03		283.16	644.03	
	04/15/03		262.30	664.89	
	05/15/03		253.60	673.59	
	06/19/03		240.78	686.41	
	07/17/03		239.35	687.84	
	08/14/03		245.01	682.18	
	09/18/03		255.48	671.71	
	10/23/03		261.57	665.62	
	11/13/03		265.42	661.77	
	12/18/03		270.19	657.00	
	01/15/04		271.62	655.57	
	02/12/04		270.69	656.50	
	03/25/04		259.15	668.04	
	04/22/04		250.55	676.64	
	05/27/04		255.38	671.81	
	06/29/04		260.19	667.00	
	07/22/04		263.70	663.49	
	08/26/04		268.94	658.25	
	09/30/04		275.21	651.98	
	10/28/04		278.92	648.27	
	11/18/04		271.00	656.19	
	12/17/04		259.83	667.36	
	01/11/05		257.35	669.84	
	02/23/05		224.25	702.94	
	03/03/05		219.20	707.99	
MW4915M	01/18/02	898.12	259.59	638.53	
	02/15/02		261.40	636.72	
	03/22/02		262.35	635.77	
	04/17/02		263.43	634.69	
	05/17/02		265.07	633.05	
	06/21/02		267.64	630.48	
	07/18/02		270.29	627.83	
	08/02/02		271.87	626.25	
	09/05/02		275.33	622.79	
	10/11/02		Dry	N/A	
	11/14/02		Dry	N/A	
	12/12/02		Dry	N/A	
	01/09/03		Dry	N/A	
	02/07/03		Dry	N/A	
	03/13/03		Dry	N/A	
	04/15/03		271.11	627.01	
	05/15/03		258.08	640.04	
	06/19/03		246.78	651.34	
	07/17/03		239.65	658.47	
	08/14/03		239.89	658.23	
	09/18/03		245.80	652.32	
	10/23/03		253.50	644.62	
	11/13/03		257.00	641.12	
	12/18/03		262.62	635.50	
	01/15/04		265.49	632.63	
	02/12/04		266.25	631.87	
	03/25/04		262.97	635.15	
	04/22/04		252.77	645.35	
	05/27/04		250.53	647.59	
	06/29/04		253.74	644.38	
	07/22/04		256.47	641.65	
	08/26/04		262.02	636.10	
	09/30/04		267.87	630.25	
	10/28/04		271.21	626.91	
	11/18/04		271.45	626.67	
	12/17/04		261.17	636.95	
	01/11/05		257.00	641.12	
	02/23/05		232.10	666.02	
	03/03/05		226.44	671.68	

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4926C	01/18/02	901.21	268.70	632.51	710
	02/15/02		270.45	630.76	
	03/22/02		271.46	629.75	
	04/17/02		272.46	628.75	
	05/17/02		273.91	627.30	
	06/21/02		276.42	624.79	
	07/18/02		278.85	622.36	
	08/02/02		280.33	620.88	
	09/05/02		Dry	N/A	
	10/11/02		Dry	N/A	
	11/14/02		Dry	N/A	
	12/12/02		Dry	N/A	
	01/09/03		Dry	N/A	
	02/07/03		Dry	N/A	
	03/13/03		Dry	N/A	
	04/15/03		Dry	N/A	
	05/15/03		271.17	630.04	
	06/19/03		260.39	640.82	
	07/17/03		253.80	647.41	
	08/14/03		252.20	649.01	
	09/18/03		256.47	644.74	
	10/23/03		262.20	639.01	
	11/13/03		265.71	635.50	
	12/18/03		270.27	630.94	
	01/15/04		272.75	628.46	
	02/12/04		273.58	627.63	
	03/25/04		272.40	628.81	
	04/22/04		264.87	636.34	
	05/27/04		261.87	639.34	
	06/29/04		263.53	637.68	
	07/22/04		265.41	635.80	
	08/26/04		270.31	630.90	
	09/30/04		275.14	626.07	
	10/28/04		279.46	621.75	
	11/18/04		279.35	621.86	
	12/17/04		273.52	627.69	
	01/11/05		269.13	632.08	
	02/23/05		253.00	648.21	
	03/03/05		249.10	652.11	
MW4914G	01/18/02	950.61	NM		
	02/15/02		NM		
	03/22/02		NM		
	04/17/02		NM		
	05/17/02		NM		
	06/21/02		NM		
	07/18/02		NM		
	08/02/02		NM		
	09/05/02		NM		
	10/11/02		NM		
	11/14/02		NM		
	12/12/02		NM		
	01/09/03		Dry	N/A	
	02/07/03		NM		
	03/13/03		NM		
	04/15/03		NM		
	05/15/03		NM		
	06/19/03		NM		
	07/17/03		NM		
	08/14/03		NM		
	09/18/03		NM		
	10/23/03		NM		
	11/13/03		NM		
	12/18/03		NM		
	01/15/04		NM		
	02/12/04		NM		
	03/25/04		NM		
	04/22/04		NM		
	05/27/04		NM		
	06/29/04		NM		
	07/22/04		NM		
	08/26/04		NM		
	09/30/04		NM		
	10/28/04		NM		
	11/18/04		NM		
	12/17/04		NM		
	01/11/05		NM		
	02/23/05		NM		
	03/03/05		NM		

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4916C	01/18/02	877.49	391.50	485.99	
	02/15/02		391.35	486.14	
	03/22/02		389.83	487.66	
	04/17/02		388.90	488.59	
	05/17/02		388.03	489.46	
	06/21/02		388.20	489.29	
	07/18/02		389.37	488.12	
	08/02/02		390.45	487.04	
	09/05/02		394.25	483.24	
	10/11/02		399.00	478.49	
	11/14/02		402.29	475.20	
	12/12/02		404.34	473.15	
	01/09/03		406.00	471.49	
	02/07/03		408.53	468.96	
	03/13/03		407.35	470.14	
	04/15/03		403.90	473.59	
	05/15/03		400.97	476.52	
	06/19/03		398.20	479.29	
	07/17/03		397.97	479.52	
	08/14/03		398.94	478.55	
	09/18/03		401.55	475.94	
	10/23/03		404.23	473.26	
	11/13/03		405.06	472.43	
	12/18/03		407.05	470.44	
	01/15/04		407.87	469.62	
	02/12/04		409.11	468.38	
	03/25/04		409.80	467.69	
	04/22/04		408.37	469.12	
	05/27/04		405.10	472.39	
	06/29/04		402.50	474.99	
	07/22/04		402.00	475.49	
	08/26/04		403.10	474.39	
	09/30/04		405.21	472.28	
	10/28/04		407.40	470.09	
	11/18/04		407.95	469.54	
	12/17/04		406.41	471.08	
	01/11/05		404.00	473.49	
	02/23/05		397.14	480.35	
	03/03/05		396.75	480.74	
MW4916D	01/18/02	891.07	NM	N/A	
	02/15/02		NM		
	03/22/02		NM		
	04/17/02		NM		
	05/17/02		NM		
	06/21/02		NM		
	07/18/02		NM		
	08/02/02		NM		
	09/05/02		NM		
	10/11/02		NM		
	11/14/02		NM		
	12/12/02		NM		
	01/09/03		NM		
	02/07/03		NM		
	03/13/03		NM		
	04/15/03		NM		
	05/15/03		NM		
	06/19/03		NM		
	07/17/03		NM		
	08/14/03		NM		
	09/18/03		NM		
	10/23/03		NM		
	11/13/03		NM		
	12/18/03		NM		
	01/15/04		NM		
	02/12/04		NM		
	03/25/04		NM		
	04/22/04		NM		
	05/27/04		NM		
	06/29/04		NM		
	07/22/04		NM		
	08/26/04		NM		
	09/30/04		NM		
	10/28/04		NM		
	11/18/04		NM		
	12/17/04		NM		
	01/11/05		NM		
	02/23/05		NM		
	03/03/05		NM		

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4916F	01/18/02	860.19	243.00	617.19	690
	02/15/02		244.88	615.31	
	03/22/02		247.17	613.02	
	04/17/02		247.50	612.69	
	05/17/02		248.28	611.91	
	06/21/02		251.43	608.76	
	07/18/02		255.40	604.79	
	08/02/02		Dry	N/A	
	09/05/02		Dry	N/A	
	10/11/02		Dry	N/A	
	11/14/02		Dry	N/A	
	12/12/02		Dry	N/A	
	01/09/03		Dry	N/A	
	02/07/03		Dry	N/A	
	03/13/03		Dry	N/A	
	04/15/03		Dry	N/A	
	05/15/03		254.41	605.78	
	06/19/03		243.88	616.31	
	07/17/03		234.79	625.40	
	08/14/03		231.65	628.54	
	09/18/03		233.80	626.39	
	10/23/03		238.98	621.21	
	11/13/03		240.86	619.33	
	12/18/03		244.10	616.09	
	01/15/04		246.47	613.72	
	02/12/04		246.30	613.89	
	03/25/04		249.33	610.86	
	04/22/04		242.90	617.29	
	05/27/04		239.03	621.16	
	06/29/04		237.87	622.32	
	07/22/04		240.17	620.02	
	08/26/04		247.31	612.88	
	09/30/04		252.52	607.67	
	10/28/04		255.53	604.66	
	11/18/04		Dry	N/A	
	12/17/04		253.25	606.94	
	01/11/05		244.90	615.29	
	02/23/05		231.15	629.04	
	03/03/05		230.55	629.64	
MW4916H	01/18/02	860.23	243.16	617.07	
	02/15/02		245.03	615.20	
	03/22/02		247.07	613.16	
	04/17/02		247.95	612.28	
	05/17/02		247.88	612.35	
	06/21/02		249.92	610.31	
	07/18/02		255.44	604.79	
	08/02/02		257.20	603.03	
	09/05/02		259.60	600.63	
	10/11/02		263.42	596.81	
	11/14/02		264.92	595.31	
	12/12/02		267.25	592.98	
	01/09/03		267.85	592.38	
	02/07/03		268.15	592.08	
	03/13/03		267.34	592.89	
	04/15/03		259.21	601.02	
	05/15/03		254.28	605.95	
	06/19/03		243.84	616.39	
	07/17/03		234.81	625.42	
	08/14/03		231.45	628.78	
	09/18/03		234.10	626.13	
	10/23/03		238.45	621.78	
	11/13/03		241.00	619.23	
	12/18/03		243.96	616.27	
	01/15/04		246.22	614.01	
	02/12/04		246.00	614.23	
	03/25/04		248.98	611.25	
	04/22/04		242.72	617.51	
	05/27/04		238.68	621.55	
	06/29/04		237.30	622.93	
	07/22/04		239.74	620.49	
	08/26/04		247.23	613.00	
	09/30/04		252.41	607.82	
	10/28/04		255.27	604.96	
	11/18/04		256.83	603.40	
	12/17/04		253.16	607.07	
	01/11/05		244.20	616.03	
	02/23/05		230.37	629.86	
	03/03/05		230.20	630.03	

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4916G	01/18/02	900.55	270.78	629.77	
	02/15/02		272.70	627.85	
	03/22/02		273.65	626.90	
	04/17/02		274.58	625.97	
	05/17/02		275.97	624.58	
	06/21/02		278.41	622.14	
	07/18/02		280.97	619.58	
	08/02/02		282.50	618.05	
	09/05/02		285.53	615.02	
	10/11/02		288.90	611.65	
	11/14/02		291.30	609.25	
	12/12/02		292.95	607.60	
	01/09/03		294.20	606.35	
	02/07/03		294.85	605.70	
	03/13/03		293.85	606.70	
	04/15/03		285.18	615.37	
	05/15/03		274.95	625.60	
	06/19/03		263.35	637.20	
	07/17/03		256.28	644.27	
	08/14/03		254.43	646.12	
	09/18/03		258.30	642.25	
	10/23/03		264.05	636.50	
	11/13/03		267.61	632.94	
	12/18/03		272.25	628.30	
	01/15/04		274.60	625.95	
	02/12/04		275.45	625.10	
	03/25/04		274.65	625.90	
	04/22/04		267.48	633.07	
	05/27/04		264.05	636.50	
	06/29/04		265.52	635.03	
	07/22/04		267.37	633.18	
	08/26/04		272.53	628.02	
	09/30/04		277.14	623.41	
	10/28/04		280.80	619.75	
	11/18/04		281.87	618.68	
	12/17/04		276.25	624.30	
	01/11/05		271.55	629.00	
	02/23/05		255.65	644.90	
	03/03/05		252.00	648.55	
MW4916J	01/18/02	867.13	263.47	603.66	
	02/15/02		264.65	602.48	
	03/22/02		265.27	601.86	
	04/17/02		267.87	599.26	
	05/17/02		264.25	602.88	
	06/21/02		268.40	598.73	
	07/19/02		270.48	596.65	
	08/02/02		281.56	585.57	
	09/05/02		282.85	584.28	
	10/11/02		285.65	581.48	
	11/14/02		287.40	579.73	
	12/12/02		288.77	578.36	
	01/09/03		289.47	577.66	
	02/07/03		285.47	581.66	
	03/13/03		288.40	578.73	
	04/15/03		282.20	584.93	
	05/15/03		281.94	585.19	
	06/19/03		272.25	594.88	
	07/17/03		263.88	603.25	
	08/14/03		257.73	609.40	
	09/18/03		259.28	607.85	
	10/23/03		263.04	604.09	
	11/13/03		265.15	601.98	
	12/18/03		265.10	602.03	
	01/15/04		267.54	599.59	
	02/12/04		262.97	604.16	
	03/25/04		273.52	593.61	
	04/22/04		264.85	602.28	
	05/27/04		263.60	603.53	
	06/29/04		256.71	610.42	
	07/22/04		264.17	602.96	
	08/26/04		271.78	595.35	
	09/30/04		277.25	589.88	
	10/28/04		278.47	588.66	
	11/18/04		279.82	587.31	
	12/17/04		278.91	588.22	
	01/11/05		262.20	604.93	
	02/23/05		250.52	616.61	
	03/03/05		260.25	606.88	

TABLE 3.
DEPTH TO AND ELEVATION OF GROUNDWATER
BRADLEY LANDFILL AND RECYCLING CENTER

Well ID.	Date of Measurement	Reference Elevation (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	Alert Levels (feet msl)
MW4916L	01/18/02	860.90	236.26	624.64	
	02/15/02		237.80	623.10	
	03/22/02		239.59	621.31	
	04/17/02		240.32	620.58	
	05/17/02		240.71	620.19	
	06/21/02		244.30	616.60	
	07/18/02		246.50	614.40	
	08/02/02		248.20	612.70	
	09/05/02		250.95	609.95	
	10/11/02		254.77	606.13	
	11/14/02		257.25	603.65	
	12/12/02		259.27	601.63	
	01/09/03		260.61	600.29	
	02/07/03		261.72	599.18	
	03/13/03		259.58	601.32	
	04/15/03		252.69	608.21	
	05/15/03		244.43	616.47	
	06/19/03		233.75	627.15	
	07/17/03		225.24	635.66	
	08/14/03		222.82	638.08	
	09/18/03		225.40	635.50	
	10/23/03		230.27	630.63	
	11/13/03		233.47	627.43	
	12/18/03		238.07	622.83	
	01/15/04		240.30	620.60	
	02/12/04		241.16	619.74	
	03/25/04		241.83	619.07	
	04/22/04		235.10	625.80	
	05/27/04		231.05	629.85	
	06/29/04		231.47	629.43	
	07/22/04		232.88	628.02	
	08/26/04		239.14	621.76	
	09/30/04		243.99	616.91	
	10/28/04		247.40	613.50	
	11/18/04		249.32	611.58	
	12/17/04		244.05	616.85	
	01/11/05		238.28	622.62	
	02/23/05		NM	N/A	
	03/03/05		219.87	641.03	

feet msl = feet above mean sea level

NM = Not Measured. No access to well column for 4916D (production well).
Gate locked that provides access to well 4914G.

NA = Not applicable

Alert levels = Groundwater elevation above which Upper Los Angeles River Area Watermaster, Los Angeles Department of Public Works, and Los Angeles Department of Water and Power are notified. Alert levels are approximately 25 feet below base of landfill.

TABLE 4.
MONITORING PARAMETERS
BRADLEY LANDFILL AND RECYCLING CENTER

Parameters	Analytical Methods	Reporting Limit
Semi-Annual Sampling Parameters:		
Total Alkalinity	310.1	5.0 mg/L
Carbonate Alkalinity	310.1	5.0 mg/L
Bicarbonate Alkalinity	310.1	5.0 mg/L
Biochemical Oxygen Demand	405.1	5.0 mg/L
Chemical Oxygen Demand	410.4	8.0 mg/L
Chloride	300.0A	3.0 mg/L
Fluoride	300.0A	1.0 mg/L
5 Metals (Dissolved)	6010B	See Lab Report
Nitrate, Nitrogen	300.0A	0.5 mg/L
Specific Conductance	120.1	2.0 umhos/cm
Sulfate	300.0A	See Lab Report
Total Organic Carbon	415.1	1.0 mg/L
Total Organic Halogens	9020B	30.0 ug/L
Total Dissolved Solids	160.1	10.0 mg/L
Volatile Organics (VOCs)	8260B	See Lab Report
Annual Sampling Parameters:		
Semi-Volatile Organics (SVOCs)	8270	See Lab Report
Total Cyanide	9012A	0.010 mg/L
Total Sulfide	9030B/9034	4 mg/L
17 Metals (Total)	6010B/7470A	See Lab Report

ug/L = micgrams per liter
mg/L = milligrams per liter
Leachate samples were analyzed for 22 total metals.

TABLE 5.
GROUNDWATER SAMPLE RESULTS FOR GENERAL CHEMISTRY
BRADLEY LANDFILL AND RECYCLING CENTER, CITY OF LOS ANGELES, CA

Well Identification	Date Sampled	Field Parameters				General Chemistry																		
		Field pH	Field EC	Field Turbidity	Field Temp	Specific Conductance	Bicarbonate Alkalinity	Total Alkalinity	Biochemical Oxygen Demand	Calcium, dissolved	Chemical Oxygen Demand	Chloride	Fluoride	Iron, dissolved	Magnesium, dissolved	Nitrate-Nitrite or Nitrate,Nitrogen**	Potassium, dissolved	Sodium, dissolved	Sulfate	Total Dissolved Solids	Total Organic Carbon 1	Total Organic Carbon 2	Total Organic Halogens 1	Total Organic Halogens 2
		pH units	µmhos/cm	NTUs	°C	µmhos/cm	mg/L																	
UPGRADIENT WELLS*																								
4915A	03/08/01	8.53	0.36 (sic)	16.5	18.7	400	NA	139	<2	44.8	<8	14.9	0.33 A	0.0523 A	12.9	1.4	3.19 A	24.9	51.6 Q	292	<1	<1	<0.03	<0.03
	08/21/01	7.25	436	40	20.5	NA	184	184	<2	55.1	<8	18.1	0.74 A	0.0115 A C	15.3	0.28	3.89 A	28.1	51.7 Q	316	0.46	0.48	<0.03	<0.03
	02/21/02	7.29	516	NM	21.5	NA	158	158	<2	49	<8	22.6	0.75 A	0.0584 A	13.7	0.45 C	3.30 A	27.5	49.0 Q	301	0.50 A C	0.51 A C	0.0049 A	<0.03
	08/06/02	7.49	583	NM	21.1	460 C	130	130	<2	51	11 C	42	0.68 A	0.076 A	15	0.48 A	4.20 A	32	51 Q	300 C	0.45 A	0.36 A	0.009 A	<0.03
	02/10/03	7.70	441	25	22.9	380 C	120	120	<2	44	5.5 A	34 C	0.7 A	0.042 A	12	0.45 A	3.5 A	27	49 Q	250	0.35 A	0.45 A	<0.03	<0.03
	09/25/03	8.14	522	0.0	21.9	500	170	170	<2	56 L	4 A	24	0.74 A	0.13	15	1	3.9 A	28	54 Q	320	<1	<1	<0.03	<0.03
	09/25/03 D	8.14	522	0.0	21.9	430	170	170	<2	55 L	<8	24	0.74 A	0.10	15	1	3.3 A	28	55 Q	330	<1	<1	<0.03	<0.03
	02/16/04	7.58	558	20.0	20.8	500 C	190	190	<2	60	<8	27	0.59 A	0.12	17	0.53	4 A	30	48 Q	340	<1	<1	<0.03	<0.03
	09/01/04	7.31	620	21	20.3	580	160	160	<2	50	<8	39	0.69 A	0.14	14	0.80	3.7 A	29	48	320	0.51 A	<1	<0.03	<0.03
	03/15/05	8.09	539	1.1	20.8	500	160	160	<2	48	<8	23 C	0.68 A	0.093 A	14	0.96	4.0 A	29	47 Q	300	1.3	1.4	<0.03	<0.03
4915B	03/13/01	7.19	375	3.6	18.7	468	NA	180	<2	50	<8	14.8	0.63 A	<0.1	14	0.86	2.86 A	24.7	48.2	300	<1	<1	<0.03	<0.03
	08/16/01	7.40	336	1.3	17.9	NA	153	153	<2	44.2	<8	16.2	0.73 A	<0.1	11.5	0.98	2.97 A	28.4	44	468	<1	<1	<0.03	<0.03
	02/22/02	7.92	390	2.7	17.1	NA	156	156	<2	44.3	<8	12.1	0.73 A	<0.1	12	0.76 C	2.66 A	23.4	38.3	275	1	1.1	<0.03	<0.03
	02/22/02 D	7.92	390	2.7	17.1	NA	155	155	<2	45	<8	12.3	0.74 A	<0.1	12.1	0.73 C	3.09 A	24.1	38.3	267	0.54 A	0.49 A	<0.03	<0.03
	08/27/02	7.26	578	1.0	21.3	580 C	230	230	<2	74	<8	26	0.62 A	0.024 A	20	0.87	3.90 A	31	54 Q	370	0.77 A	0.77 A	<0.03	<0.03
	02/18/03	7.74	680	0.0	18.1	690 C	200	200	<2	90	5.5 A	70 Q	0.52 A	0.057 A	25	2.50	4.3 A	34	90 Q	480	0.57 A	<1	<0.03	0.012 A
	09/26/03	8.49	463	0.0	18.6	420	170	170	<2	51 L	<8	16 C	0.65 A	<0.1	13	1.1	2.7 A	24	50 C	290	0.97 A	0.98 A	0.0088 A	<0.03
	02/27/04	7.76	445	1.5	17.4	440 C	160	160	<2	47 C	<8	13	0.66 A	<0.1	12	0.5	3.3 A	24	41	280 C	<1	<1	<0.03	<0.03
	9/22/04	8.04	1	18.8	23.3	470 C	170	170	<2	62	<8	16	0.63 A	0.26 C	16	1.0	3.8 A	29	42 C	280	1.5	1.6	<0.03	<0.03
	3/18/05	8.59	459	6.36	17.1	420	150	150	<2	45	<8	11	0.58 A	1.1	11	1.4	3.2 A	33	36	270 C	1.9 C	1.9 C	<0.03	<0.03
4915C	03/08/01	7.45	0.34 (sic)	1.5	20.4	410	NA	139	<2	42.5	5.5 A	14.1	0.59 A	0.165	11.8	1	2.86 A	25.2	51.1 Q	282	0.61 A	0.39 A	0.0014 A	<0.03
	08/21/01	7.40	423	1.0	21.3	NA	174	174	<2	52.8	<8	19	0.90 A	<0.1	14	0.1	3.62 A	28.9	48.2 Q	301	<1	<1	<0.03	<0.03
	02/20/02	7.25	523	NM	22.0	NA	145	145	<2	47.9	<8	26.7	0.92 A	0.0296 A	12.7	0.73 A	3.86 A	28.2	52.1 Q	300	0.78 A	<1	<0.03	<0.03
	08/02		NM			NS = Not practical to sample (By end of August 2002 less then 1.5 feet of water with Piston Pump)																		
	02/07/03		NM			Dry (Water later encountered in casing in March 2003 but still not possible to sample because of low water volume)																		
	09/25/03	7.50	503	NM	22.4	420	160	160	<2	52 L	<8	24	0.78 A	0.034 A	14	0.48 A	3.0 A	28	53 Q	310	0.62 A	<1	<0.03	<0.03
	02/16/04	7.51	575	0.10	21.5	560 C	190	190	<2	61	<8	30	0.66 A	<0.1	17	0.83	4 A	32	50 Q	320	0.61 A	<1	<0.03	<0.03
	09/01/04	7.30	618	1.90	22	570	130	130	<2	49	<8	50	0.78 A	0.026 A	13	0.53	4.0 A	30	54 Q	320	0.53 A	0.52 A	0.011 A	0.0097 A
	03/15/05	7.75	595	0.22	21.8	560	200	200	<2	59	<8	23 C	0.72 A	0.055 A	16	1.0	4.4 A	34	45 Q	320	1.3	1.3	<0.03	<0.03
4915D	03/09/01	7.50	456	2.9	14.9	556	NA	396	<2	63.9	<8	16.5	0.54 A	0.0495 A	18.3	1.9	3.1 A	27.9	52.8 Q	362	<1	<1	<0.03	<0.03
	08/21/01	7.40	359	1.2	17.3	NA	164	164	<2	53	<8	14.6	0.71 A	0.0082 A C	14	1.8	3.64 A	25.9	46.6	288	0.41 A	0.43 A	.0044 AC	<0.03
	02/20/02	7.16	418	NM	17.8	NA	156	156	<2	44.4	<8	12.8	0.75 A	0.0225 A	11.9	0.70 A	2.67 A	23.5	41.7	273	0.58 A	0.70 A	<0.03	<0.03
	08/08/02	8.23	474	241(sic)	18.7	440 C	170	170	<2	52	4.8 A	19	0.71 A	0.050 A	14	0.50	3.70 A	27	47	300 C	0.61 AC	0.68 AC	<0.03	<0.03
	03/31/03	6.05	519	2.4	22.0	430 C	160	160	<2	60	3.4 A	35	0.6 A	<0.1	17	0.84	4.3 A	30	49 Q	330 C	0.51 A	<1	<0.03	<0.03
	08/28/03	7.28	508	2.6	22.2	470 C	170	170	<2	57 C	<8	20	0.65 A	<0.1	16	2	3.4 A	27	50 Q	320	0.72 AC	0.77 AC	<0.03	<0.03
	02/17/04	7.56	483	0.0	23.2	490 C	170	170	<2	47	<8	15	0.54 A	<0.1	13	1.2	3.1 A	24	47	280	<1.0	<1.0	<0.03	<0.03
	09/02/04	7.28	557	2.0	26.9	490	180	180	<2	51	5.9 A	16	0.62 A	0.020 A	14	1.1	3.1 A	26	42	290	0.54 A	0.54 A	<0.03	<0.03
	03/16/05	7.80	515	0.14	22.6	480	170	170	<2	49	13	15	0.70 A	<0.1	13	1.1	3.4 A	25	44	280	1.6	1.7	<0.03	<0.03
4915E	03/09/01	7.29	399	7.2	20.3	460	NA	276	<2	48.4	<8	20	0.69 A	0.0513 A	13.5	3.5	3.01 A	24.9	56.8 Q	405	0.53 A	0.42 A	<0.03	<0.03
	08/21/01	7.20	430	2.1	21.1	NA	173	173	<2	55.3	<8	17.8	0.73 A	<0.1	14.6	0.88	3.88 A	26	48.7 Q	315	<1	<1	<0.03	<0.03
	02/21/02	7.09	500	NM	21.0	NA	153	153	<2	46.5	<8	22.9	0.79 A	0.0362 A	12.5	0.46 C	3.33 A	26.6	49.8 Q	298	0.46 AC	0.70 AC	0.0138 A	<0.03
	08/08/02	8.16	513	0.6	23.7	460 C	140	140	<2	52	<8	38	0.81 A	0.061 A	14	0.98	4.30 A	30	53 Q	340 C	0.69 AC	0.91 AC	<0.03	<0.03
	03/12/03	8.15	620	1.0	21.8	610 C	140	140	<2	70	10	45	0.59 A	0.041 A	19	6.90	4.6 A	33	100 Q	410 C	0.69 A	0.67 A	<0.03	<0.03
	09/25/03	7.98	521	2.7	24.6	440	170	170	<2	55 L	<8	23	0.71 A	0.074 A	14	1.5	3.6 A	29	52 Q	320	<1	<1	<0.03	<0.03
	02/16/04	7.4	519	0.8	22.8	530 C	160	160	<2	54	<8	25	0.63 A	0.027 A	15	0.84	3.9 A	30	49 Q	310	<1	<1	<0.03	<0.03
	09/01/04	7.08	622	1.4	22.4	580	160	160	<2	52	<8	35	0.69 A	0.037 A	14	0.7	3.6 A	29	53 Q	320	0.51 A	0.50 A	0.020 A	0.012 A
	03/15/05	7.50	559	0.7	22.3	540	200	200	<2	59	<8	20 C	0.64 A	0.039 A	16	1.2	4.1 A	31	46	320	1.5	1.4	<0.03	<0.03
4915M	03/13/01	7.15	438	0.8	19.8	532	NA	164	<2	50.7	<8	30.8	0.55 A	<0.1	14.4	2	3.23 A	33.3	66.2 A	363	<1	<1	<0.03	<0.03
	03/13/01 D	7.15	438	0.8	19.8	536	NA	164	<2	52.7	<8	29.6	0.47 A	<0.1	15	1.9 Q	3.73 A	34.8	64.2 A	358	<1	<1	<0.0057 A	<0.0050 A
	08/14/01	7.00	459	1.0	20.1	NA	163	163	<2	63	<8	43	0.61A	<0.1	17.2	1.3	3.84 A	34.9	81 Q	405	<1	<1	0.0073 A	0.0061 A
	02/21/02	7.90	639	2.5	18.3	NA	162	162	<2	66.3	<8	48.2 Q	0.55 A	<0.1	17.9	2.0 C	3.48 A	31.3	88.8 Q	415	0.66 AC	0.53 AC	0.0056 A	<0.03
	08/27/02	7.07	554	0	23.4	560 C	150	150	<2	62	6.2 A	38	0.61 A	<0.1	17	2	3.70 A	33	71 Q	350	0.81 A	0.68 A	0.012 A	0.012 A
	02/07/03		Dry												Dry									
	06/03/03	7.38	530	1.0	19.0	400 C	180	180	<2	53 C	<8	19 C	0.37 AC	<0.1	14	1.2	3.20 AL	28	48	300	0.46 A	<1	0.012 A	0.012 A
	08/28/03	7.25	638	2.5	20.0	590 C	180	180	<2	65 C	<8	43	0.55 A	<0.1	18	1.5	4.0 A	33	62 Q	380	0.60 AC	0.62 AC	0.012 A	0.0095 A
	02/17/04	7.55	711	0.4	19.5	780 C	180	180	<2	71	<8	55 Q	0.46 A	<0.1	20	2.1	3.7 A	31	81 Q	410	<1.0	<1.0	0.033 C	0.033 C
	09/02/04	7.23	744	1.3	21.4	680	160	160	<2	72	<8	42	0.41 A	<0.1	20	2.2	3.9 A	35	100 Q	420	0.60 A	0.54 A	0.024 A	0.022 A
	03/16/05	7.77	541	0.35	19.2	490	170	170	1.6 A	51	9.4	18	0.63 A	<0.1	14	0.96	3.6 A	31	49	290	1.3	1.3	<0.03	<0.03
DOWNGRADIENT WELLS*																								
4916D	03/12/01	6.92	426	25.3	21.4	501	NA	186	<2	59.0	6.8 A	17.8	0.54 A	0.191	16.6	0.60	3.76 A	27.7	52.6 Q	335	0.67 A	0.68 A	<0.03	0.0058 A
	06/07/01	7.10	640	13.60	3.6	NA	231	231	6.7	67.3	5.0 A	19.2	0.40 A	NA	18.7	0.35	4.02 A	27.2	58.2 Q	380	<1	<1	0.0074 A	0.0069 A
	08/21/01	6.37	472	18.20	21.4	NA	193	193	2.4	61.4	<8	18.8	0.54 A	0.0697 AC	16.7	0.45	4.06 A	26.4	52.8 Q	339	<1	0.40 A	0.0066 AC	0.0091 AC
	12/05/01	7.48	534	8.20	21.0	NA	180	180 C	<2	50.4	4.7 A	18.9 G	0.48 A	1.46	13.8	0.60	3.57 A	23.5	50.7 Q	314	0.38 A	<1	0.0060 A	<0.03
	02/22/02	7.60	476	21.0	21.2	NA	180	180	<2	53.6	<8	19.2	0.49 A	1.02	15	0.21 C	3.75 A	26.4	50.7 Q	329	0.48 A	0.39 A	<0.03	<0.03
	08/14/02	6.93	499	2.0	22.5	440 C	180	180	<2	53	5.4 A	20	0.61 A	0.83	15	0.45 A	4.00 A	27	49 Q	310	1.4	1.3	<0.03	<0.03
	08/14/02 D	6.93	499	2.0	22.5	450 C	180	180	<2	53	<8	20	0.59 A	0.67	15	0.45 A	3.80 A	27	49 Q	300	0.90 A	0.98 A	<0.03	<0.03
	03/04/03	6.50	510	6.4	22.2	530 C	200	200	<2	62 C	<8	24	0.48 A	0.68	17	0.38 A	4.7 A	29	47 Q	340	0.48 A	0.7 A	<0.03	<0.03
	09/26/03	7.21	684	0.0	22.0	640	260	260	10	77 L	3.0 A	33 C	0.34 A	2.1	21	<0.5	3.7 A	28	55 CQ	430	0.85 A	0.65 A	0.016 A	0.015 A
	02/27/04	7.23	589	50.0	19.7	580 C	190	190	4	63 C	<8	27	0.44 A	2.9	17	0.13 A	4.1 A	25	58 Q	340 C	<1	<1	0.007 A	<0.03
	09/22/04	6.51	557	22.6	20.1	570 C	190	190	1.8 A	67	<8	29	0.34 A	0.47 C	19	0.21 A	4.3 A	28	57 CQ	340	1.6	2.1	0.011 A	<0.03
	03/22/05	8.60	2	30.7	17.7	710	260	260	11	83	<8	41	0.34 A	2.2	23	0.23 A	5.0	31	50 Q	420 C	1.3 C	1.3 C	0.020 A	0.019 A
4916F	03/09/01	7.00	511	3.11	15.8	610	NA	143	<2	72.2	<8	15.5	0.45 A	0.06 A	20.9	8	3.99 A	28.6	49.3 Q	405	<1	<1	<0.03	<0.03
	06/06/01	5.60	698	1.56	8.0	NA	275	275	7.2	82.5	6.0 A	18.4	0.30 A	NA	23	0.14	4.63 A	29.3	57.9 Q	436	<1	<1	0.011 A*	0.009 A*
	08/16/01	6.26	630	1.40	18.6	NA	355	355	<2	97.4	<8	20.7	0.48 A	0.0105 A	26.9	0.20	5.28	31.7	58 Q	505	<1	<1	0.0084 AC	0.0102 AC
	12/04/01	7.29	572	NM	18.0	NA	225	225	2.5	61.8	<8	17.9	0.37 A	0.0468 A	17	1.10	3.97 A	23.7	49.2 Q	357	0.38 A C	0.45 AC	0.0034 A	0.0069 A
	02/19/02	8.49	583	1.00	17.9	NA	242	242	<2	66.5	<8	16.2	0.44 A	0.0499 A	18.6	0.66	4.33 A	26.4	47.2 A	363	0.78 A	0.52 A	<0.03	<0.03
	08/02		Dry												Dry									
	02/07/03		Dry												Dry									
	09/11/03	7.97	792	0	20.4	780	340	340	22	93	<8	24	0.34 A	0.070 A	27	<0.5	5.4	31	52 Q	480	<1	<1	0.018 AC	0.018 AC
	03/01/04	7.05	751	0.8	18.8	740	310	310	5.2	90 C	<8	23 C	0.29 A	0.072 A	25	0.09 A	4.6 A	28	52 Q	440	<1	<1	<0.03	<0.03
	09/01/04	6.26	777	1.0	19	710	270	270	2.5	72	<8	20	0.24 A	0.17	21	<0.5	3.9 A	25	54 Q	400	0.63 A	0.63 A	0.014 A	0.012 A
	09/1/04 D	6.26	777	1.0	19	710	270	270	2.6	72	6.2 A	21	0.24 A	0.18	21	<0.5	4.0 A	25	53 Q	410	0.57 A	0.61 A	0.010 A	0.010 A
	03/21/05	7.12	883	1.22	19	760	350	350	6.0	110	5.6 A	22	0.24 A	0.18	31	<0.5	5.8	33	49	480 C	1.4	1.5	0.014 A	0.012 A

TABLE 5.
GROUNDWATER SAMPLE RESULTS FOR GENERAL CHEMISTRY
BRADLEY LANDFILL AND RECYCLING CENTER, CITY OF LOS ANGELES, CA

Well Identification	Date Sampled	Field Parameters				General Chemistry																		
		Field pH	Field EC	Field Turbidity	Field Temp	Specific Conductance	Bicarbonate Alkalinity	Total Alkalinity	Biochemical Oxygen Demand	Calcium, dissolved	Chemical Oxygen Demand	Chloride	Fluoride	Iron, dissolved	Magnesium, dissolved	Nitrate-Nitrite or Nitrate,Nitrogen**	Potassium, dissolved	Sodium, dissolved	Sulfate	Total Dissolved Solids	Total Organic Carbon 1	Total Organic Carbon 2	Total Organic Halogens 1	Total Organic Halogens 2
		pH units	µmhos/cm	NTUs	°C	µmhos/cm	mg/L																	
4916G	03/08/01	7.30	473	5.80	18.4	513	NA	208	<2	61.6	6.5 A	15.7	0.35 A	0.0687 A	17.6	0.066 A	3.93 A	27.6	53.6	359	0.61 A	<1	0.0087 A	0.0053 A
	06/07/01	6.31	615	3.50	1.0	NA	194	194	5.2	62.4	4.7 A	19.2	0.39 A	NA	17.3	0.036 A	4.21 A	26.3	60.6 Q	359	<1	<1	0.0047 A	0.0052 A
	08/21/01	6.75	470	1.60	21.4	NA	191	191	<2	57.7	<8	19.5	0.56 A	0.0065 A C	15.9	<0.1	3.42 A	22.4	53.6 Q	329	0.43 A	0.41 A	<0.03	.0045 AC
	12/27/01	7.76	540	0.80	22.9	NA	176	176 C	<2	46.9	<8	18.3	0.5 A	<0.1	13.5	0.75	3.16 A	23.1	56.5 Q	274	0.87 AC	0.74 AC	0.0028 A	0.0054 A
	02/20/02	7.69	467	1.80	22.1	NA	169	169	<2	50.1	<8	19.8	0.56 A	<0.1	13.9	0.11 C	3.61 A	24.3	49.3 Q	332	0.76 A	0.72 A	<0.03	<0.03
	08/08/02	6.97	NM	NM	24.7	450 C	160	160	<2	53	3.9 A	25	0.56 A	0.044 A	15	0.24 A	4.30 A	28	52 Q	310 C	0.96 AC	0.75 AC	<0.03	<0.03
	02/17/03	7.34	482	0.00	22.8	430 C	150	150	<2	53	<8	32	0.59 A	<0.1	15	0.74	3.5 A	27	49 Q	260	<1	<1	<0.03	<0.03
	02/17/03 D	7.34	482	0.00	22.8	420 C	150	150	<2	52	<8	33	0.58 A	<0.1	14	0.74	3.3 A	26	48 Q	290	<1	<1	<0.03	<0.03
	08/28/03	6.77	699	3.0	24.8	650 C	270	270	3.7	83 C	<8	28	0.50 A	0.021 A	24	<0.5	5.6	31	58 Q	440	0.77 AC	0.76 AC	0.0081 A	0.010 A
	02/26/04	7.18	539	0	23.4	600 C	180	180	<2	61 C	<8	27	0.46 A	0.039 A	17	<0.5	4.2 A	27	50 Q	350 C	0.58 A	0.7 A	<0.03	<0.03
	9/22/04	6.46	586	0.2	26.3	580 C	190	190	<2	67	<8	35	0.38 A	0.16 C	18	0.08 A	4.3 A	28	56 CQ	370	1.7	1.9	<0.03	<0.03
	3/23/05	6.91	674	1.48	23.3	620	210	210	4.7	72	7.0 A	40 C	0.40 A	0.60	20	<0.5	4.8 A	30	51 Q	400 C	1.4	1.0	<0.03	<0.03
4916H	03/09/01	6.97	464	2.70	16.6	561	NA	243	2.1	61.4	<8	15.8	0.47 A	0.0572 A	17.8	8.1 Q	3.62 A	25.9	48.5 Q	371	<1	<1	<0.03	<0.03
	06/06/01	5.73	726	1.50	9.9	NA	285	285	5.2	86.7	5.7 A	18.7	0.31 A	NA	24	0.23	4.94 A	31.1	55.7 Q	452	0.59 A	0.60 A	0.0057 A	0.0061 A
	08/16/01	6.30	378	1.00	18.8	NA	304	304	<2	86.9	<8	19.6	0.48 A	<0.1	24	0.32	5.18	32.2	56.8 Q	291	<1	<1	0.0076 AC	0.0042 AC
	12/04/01	7.40	546	NM	17.8	NA	231	231	<2	59.2	5.0 A	15.7	0.38 A	0.0366 A	16.3	1.1	3.64 A	23.4	50.1 Q	353	0.53 AC	0.53 AC	0.011 A	0.0084 A
	02/19/02	8.64	562	1.00	17.7	NA	231	231	<2	63.9	<8	16.2	0.44 A	0.159	17.8	0.78	3.92 A	25.1	50.0 Q	368	0.56 A	<1	<0.03	<0.03
	08/06/02	6.74	639	14.0	18.6	610 C	270	270	<2	74	7.6 AC	19	0.49 A	0.063 A	22	0.30 A	4.90 A	31	49 Q	380 C	0.45 A	0.43 A	<0.03	<0.03
	03/05/03	7.53	502	1.8	17.5	580 C	240	240	<2	72 C	<8	22	0.4 A	0.046 A	21	<0.5	5.20	33	49 Q	330	0.32 A	<1	<0.03	<0.03
	09/11/03	7.84	783	1	19	770	330	330	26	90	<8	25	0.40 A	0.073 A	26	<0.5	5.3	30	52 Q	470	0.92 A	<1	0.015 AC	0.015 AC
	03/01/04	7.09	739	1	18.1	730	300	300	6.9	85 C	<8	24 C	0.3 A	0.063 A	23	<0.5	4.4 A	27	53 Q	440	<1	<1	<0.03	<0.03
	09/01/04	6.31	776	0.4	19.1	700	270	270	2.3	74	4 A	20	0.25 A	0.15	22	<0.5	4.4 A	26	53 Q	400	0.63 A	0.65 A	0.016 A	0.015 A
	03/21/05	7.51	943	3.3	19.4	820	380	380	3.8	110	7.3 A	23	0.27 A	0.19	31	<0.5	6.0	33	54 Q	520 C	1.3	1.2	0.012 A	0.012 A
4916J	03/14/01	6.87	474	2.20	19.8	558	NA	236	<2	64.8	<8	15.4	0.40 A	<0.1	19.1	0.076	4.29 A	28.8	45.5 Q	378	0.87 A	0.59 A	0.009 A	<0.03
	06/12/01	7.06	2650	0.70	2.3	NA	317	317	7.3	104	12.2	21	0.33 A	NA	28	0.73	5.86	41.7	71.6 Q	496	0.50 A	0.51 A	0.013 A	0.014 A
	08/16/01	6.57	682	1.10	19.6	NA	342	342	<2	98.3	<8	20.9	0.47 A	<0.1	25.6	0.069 A	5.52	34.8	64.3 Q	523	0.55 A	0.56 A	0.0075 AC	0.0057 AC
	12/04/01	7.24	594	0.90	17.3	NA	235	235	3.2	63.2	5.7 A	18.2 G	0.39 A	0.0077 A	17.3	1.2	3.74 A	23.9	50.6 Q	370	<1	0.37 AC	0.0113 A	0.0111 A
	12/4/01 D	7.24	594	0.90	17.3	NA	237	237	<2	63.2	<8	18	0.39 A	0.0070 A	17.3	0.85	4.08 A	24.2	51.1 Q	375	0.51 AC	0.37 AC	0.0083 A	0.008 A
	02/19/02	7.37	568	1.50	17.6	NA	241	241	<2	65.6	<8	16.6	0.39 A	0.0074 A	18.5	0.78	3.91 A	25.4	49.7 Q	363	0.61 A	0.82 A	<0.03	<0.03
	08/29/02	6.68	601	0	20.3	550 C	250	250	<2	67	0.2	16	0.40 A	<0.1	19	0.31 A	4.60 A	28	65 Q	370	0.69 A	0.72 A	<0.03	<0.03
	02/17/03	7.36	453	0	18.4	430 J	200	200	<2	58	5.2 A	15	0.58 A	<0.1	16	0.92	3.5 A	26	46 Q	320	<1	<1	<0.03	<0.03
	09/11/03	7.52	937	NM	23.4	900	420	420	<2	110	<8	28	0.38 A	<0.1	32	<0.5	6.1	34	52 Q	560	<1	0.64 A	0.024 AC	0.020 AC
	03/04/04	6.89	733	0	18.2	730	290	290	7.1	88	<8	25	<1	0.058 A	24	<0.5	5.2 C	29	50 Q	430	0.66 A	<1	0.007 A	0.009 A
	09/02/04	6.41	879	0.4	20.4	770	320	320	3.4	91	<8	21	0.23 A	0.094 A	26	0.04 A	5.3	30	53 Q	450	0.64 A	0.6 A	<0.03	0.012 A
	03/18/05	6.84	890	0.85	18.6	940	420	420	<2	130	5.6 A	29	0.49 A	0.048 A	34	0.22 A	6.4	37	49 Q	560 C	5.2 C	5.5 C	0.027 A	0.018 A
4916L	03/14/01	7.13	425	2.75	19.4	514	NA	178	<2	54.2	<8	16.7	0.51 A	<0.1	13.6	1.5	4.34 A	36.4	61.9 Q	346	0.93 A	0.82 A	<0.03	0.0037 A
	06/12/01	7.60	4240	3.10	3	NA	174	174	<2	56.9	12.6	18.8	0.48 A	NA	15.1	1.7	4.43 A	38.4	59 Q	314	<1	<1	0.0042 A	0.0034 A
	08/14/01	6.91	390	1.20	21.8	NA	181	181	<2	53.4	<8	16.9	0.57 A	<0.1	13	1.8	4.23 A	32.3	53.4 Q	324	<1	<1	0.0044 A	0.0032 A
	12/04/01	7.99	539	2.00	18	NA	170	170	<2	51.2	<8	17.9	0.48 A	0.0055 A	11.3	1.5	3.63 A	31.6	72.4 Q	351	0.70 A C	0.69 A C	0.0036 A	0.0044 A
	02/19/02	7.85	541	2.20	18.3	NA	190	190	<2	58.4	<8	20.1	0.55 A	0.0075 A	13.8	1.3	4.15 A	34.7	83.3 Q	362	1	1	<0.03	<0.03
	08/29/02	7.17	604	0	22.5	570 C	190	190	<2	65	9.4	21	0.44 A	<0.1	16	1.6	4.50 A	39	92 Q	360	1.1	1.3	<0.03	<0.03
	02/17/03	8.09	418	0	19	410 C	94	94	<2	46	<8	23	0.58 A	0.038 A	12	0.8	3.8 A	38	93 Q	320	0.30 A	0.36 A	<0.03	<0.03
	09/11/03	9.10	528	NM	23.5	530.0	130	130	<2	48.0	<8	26	0.56 A	<0.1	11	2	3.8 A	35	84 Q	320	<1	<1	0.012 AC	0.0086 AC
	03/01/04	7.73	636	0.1	18.4	630	190	190	<2	68 C	<8	27 C	0.43 A	<0.1	16	0.52	4.5 A	37	91 Q	380	<1	<1	<0.03	<0.03
	09/02/04	7.09	806	2	21.2	710	250	250	<2	79	6.2 A	23	0.40 A	<0.1	19	0.16 A	5.1	43	81 Q	430	0.86 A	0.84 A	0.016 A	0.017 A
	03/16/05	7.68	531	1.29	19.4	620	180	180	<2	68	9.0	33	0.51 A	<0.1	18	2.3	4.7 A	34	68 Q	370	0.9 A	0.92 A	0.023 A	0.023 A
4926C	04/17/01	6.98	628	5.00	22.2	630	NA	287	<2	82.3	<8	17.3	0.50 A	0.016 A	23.3	<0.1	4.8 A	31.5	52.5 Q	423	0.39 A	0.39 A	0.0143 A	0.0064 A
	06/06/01	5.87	760	1.30	2.5	NA	253	253	7.2	77	<8	18	0.36 A	NA	21.4	<0.1	4.73 A	29.6	57.9 Q	403	<1	<1	0.0055 A	<0.03
	8/14/2001	6.68	595	1.5	23.7	NA	222	222	<2	67.6 F	<8	20.3	0.62 AF	0.006 A	18.8	0.11 F	4.53 A	26.7	56.1Q	374	<1	<1	.0032 A	.0043 A
	8/14/01 D	6.68	595	1.5	23.7	NA	220	220	2.4	67. F	<8	20.3	0.59 AF	<0.1	18.5	0.11 F	4.55 A	28.8	56.6Q	369	<1	<1	.0031 A	.0029 A
	12/5/2001	7.79	517	1.3	22.6	NA	202	202	<2	54.8	6.0 A	19	0.57 A	0.0074 A	15.2	<0.1	3.60 A	22.1	49.4 Q	323	<1	<1	<0.03	<0.03
	2/20/2002	7.82	473	8	22.4	NA	171	171	<2	51.3	<8	20.3	0.62 A	<0.1	14.2	0.18 C	3.57 A	24.1	47.7 Q	309	0.53 A	0.36 A	<0.03	<0.03
	08/02		Dry												Dry									
	02/07/03		Dry												Dry									
	09/08/03	7.53	716	2.7	24.6	720 C	290	290	<2	85	<8	26	0.50 A	<0.1	25.0	<0.5	5.3	34	55 Q	440	0.38 A	<1	<0.03	0.0074 A
	02/19/04	7.35	531	2.0	24.0	550 C	180	180	<10 G	56 C	<8	27	0.47 A	<0.1	15	0.06 A	4.1 AL	22	53 Q	310	<1	<1	<0.03	<0.03
	02/19/04 D	7.35	531	2.0	24.0	550 C	180	180	<10 G	59 C	<8	27	0.50 A	<0.1	16	0.08 A	4.3 AL	25	53 Q	310	0.61 A	0.59 A	<0.03	<0.03
	9/22/04	6.98	589	3.3	30.9	560 C	180	180	<2	67	<8	32	0.39 A	<0.1	18	0.44 A	4.8 A	30	56 CQ	350	1.6	1.5	<0.03	<0.03
	3/22/05	7.14	776	2.3	24.1	700	260	260	9.9	84	<8	39	0.43 A	0.034 A	23	<0.5	5.4	32	50 Q	400 C	1.4 C	1.2 C	0.0091 A	0.0086 A
SEPARATE WATER SYSTEM*																								
4916C*	09/04/01	7.43	1,200	8.1	20.3	NA	196	196	<2	89.2	<8	29.1	0.64 A	0.0037 AC	23.1	3.7	5.33	46.3	162 Q	521	2.0	2.0	0.0119 AC	0.0132 AC
	04/02/02	7.42	975	NM	23.2	NA	181	181	<2	99.7	7.4 A	29.4	0.45 A	0.0209 A	26.8	4.10	6.08	56.6	228 Q	625	4.0	3.9	0.0165 A	0.0113 A
	08/14/02	7.48	288	26	30.3	730 C	190	190	<2	86	8.0	28	0.62 A	0.052 A	24.0	3.7	5.40	49.0	170 Q	530	3.1	3.0	0.013 A	0.010 A
	02/07/03		NM				Electrical equipment repaired in March 2003, attempted to sample, water level too low for submersible pump. Low recharge from upgradient water source.																	
	09/29/03	8.99	580	1.0	21.3	970	180	180	7.3	120	23	35 C	0.52 A	0.590	31.0	8.7	5.6	57	310 Q	760	8.8	8.8	0.0088 A	<0.03
	03/2004		NM				Attempted to sample, water level too low for submersible pump. Low recharge from upgradient water source.																	
	09/2004		NM				Attempted to sample, water level too low for submersible pump. Low recharge from upgradient water source.																	

Notes:

C flag denotes analyte was also detected in the associated method blank.
A flag denotes concentration reported is estimated because it is below the reporting limit.
G flag denotes elevated reporting limit due to matrix interferance.
Q flag denotes elevated reporting limit due to high analyte levels.
L flag denotes serial dilution of a digestate in analytical batch indicates that physical and chemical interferences are present.
NM = Not measured.
NS = Not Sampled
T = Constituent was detected in associated trip blank.
F = Constituent was detected in associated field blank.
NA = Not analyzed.
* = Upgradient, downgradient and separate water system as defined in WDR/MRP.
** = To comply with WDR, starting August 2002, nitrate as nitrogen will be analyzed.
March & April 2001 data from HardingESE April 27, 2001 Report. Well 4916C was not sampled in March 2001. See HardingESE (April 27, 2001) report for full summary of 5-year Constituent of Concern Scan.
February/March 2003 samples also analyzed for annual parameters, please see Section 2 of report for discussion of results.

mg/L = milligram per liter
µg/L = microgram pe
µmhos/cm = micromhos per centimeter
EC = electrical conductivity
NTU = nephelometric turbidity units

TABLE 6.
GROUNDWATER SAMPLE RESULTS FOR VOLATILE ORGANIC COMPOUNDS
BRADLEY LANDFILL AND RECYCLING CENTER, CITY OF LOS ANGELES, CA

Well Identification	Date Sampled	Field Parameters				Volatile Organic Compounds*																							
		Field pH	Field EC	Field Turbidity	Field Temp	Acetone	Benzene	Bromodichloromethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloroethane	Chloromethane	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Dichloro-difluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1-Dichloroethene	1,2-Dichloropropane	Methylene Chloride	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Trichlorofluoromethane	Vinyl Chloride
		pH units	µmhos/cm	NTUs	°C	µg/L																							
UPGRADIENT**																													
4915A	03/08/01	8.53	0.36 (sic)	16.5	18.7	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	08/21/01	7.25	436	40	20.5	<34	<5	<5	0.40 A	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/21/02	7.29	516	NM	21.5	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	08/06/02	7.49	583	NM	21.1	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/10/03	7.70	441	25	22.9	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/25/03	8.14	522	0.0	21.9	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	0.67 A	<1
	09/25/03 D	8.14	522	0.0	21.9	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	0.59 A	<1
	02/16/04	7.58	558	20	20.8	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/01/04	7.31	620	21	20.3	<34	<1	<5	<5	<5	0.31 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/15/05	8.09	539	1.1	20.8	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
4915B	03/13/01	7.19	375	3.6	18.7	<34	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	08/16/01	7.40	336	1.3	17.9	<34	<5	<5	<5	<5	<5	<10	0.36 A	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/22/02	7.92	390	2.7	17.1	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	2/22/02 D	7.92	390	2.7	17.1	3.9 A	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	08/27/02	7.26	578	1.0	21.3	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/18/03	7.74	680	0.0	18.1	<34	<1	<5	<5	<5	0.36 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/26/03	8.49	463	0.0	18.6	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/27/04	7.76	445	1.5	17.4	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/22/04	8.04	1	18.8	23.3	13 AT	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/18/05	8.59	459	6.36	17.1	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
4915C	03/08/01	7.45	0.34 (sic)	1.5	20.4	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	08/21/01	7.40	423	1.0	21.3	<34	<5	<5	0.22 A	<5	0.30 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/20/02	7.25	523	NM	22	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	08/02		NM			NS = Not practical to sample (By end of August less then 1.5 feet of water with Piston Pump)																							
	02/07/03		NM			Dry (Water later encountered in casing in March 2003 but still not possible to sample because of low water volume)																							
	09/25/03	7.50	503	NM	22.4	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/16/04	7.51	575	0.10	21.5	<34	<1	0.21 A	<5	<5	0.34 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/01/04	7.30	618	1.90	22	<34	<1	0.30 A	<5	<5	0.77 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/15/05	7.75	595	0.22	21.8	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
4915D	03/09/01	7.50	456	2.9	14.9	10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	08/21/01	7.40	359	1.2	17.3	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/20/02	7.16	418	NM	17.8	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	08/08/02	8.23	474	241(sic)	18.7	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/31/03	6.05	519	2.4	22.0	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	08/28/03	7.28	508	2.6	22.2	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/17/04	7.56	483	0.0	23.2	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/02/04	7.28	557	2.0	26.9	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/16/05	7.80	515	0.14	22.6	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	0.34 ACT	<5	<1	<5	<5	<10	<1
4915E	03/09/01	7.29	399	7.2	20.3	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	08/21/01	7.20	430	2.1	21.1	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/21/02	7.09	500	NM	21.0	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	08/08/02	8.16	513	0.6	23.7	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/12/03	8.15	620	1.0	21.8	<34	<1	<5	<5	<5	0.22 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/25/03	7.98	521	2.7	24.6	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/16/04	7.4	519	0.8	22.8	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/01/04	7.08	622	1.4	22.4	<34	<1	0.25 A	<5	<5	0.30 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/15/05	7.50	559	0.7	22.3	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
4915M	03/13/01	7.15	438	0.8	19.8	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	03/13/01 D	7.15	438	0.8	19.8	<10	<1	<5	<1	<1	<1	<2	<2	<10	<1	<2	<1	<5	<1	<10	<1	<1	<1	<1	<1	<5	<1	<10	<1
	08/14/01	7.00	459	1.0	20.1	<34	<5	<5	0.30 A	<5	0.46 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/21/02	7.90	639	2.5	18.3	<34	<5	<5	<5	<5	0.67 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	2.4 A	<10	<1
	08/27/02	7.07	554	0	23.4	<34	<1	<5	<5	<5	0.52 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	10#	<10	<1
	02/07/03		NM															Dry											
	06/03/03	7.38	530	1.0	19.0	3.0A	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	14	<10	<1
	08/28/03	7.25	638	2.5	20.0	<34	<1	<5	<5	<5	0.22 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	4.5 A	<10	<1
	02/17/04	7.55	711	0.4	19.5	<34	<1	<5	<5	<5	0.43 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	0.73 A	<5	<5	<5	<1	0.41 A	45	<10	<1
	09/02/04	7.23	744	1.3	21.4	<34	<1	<5	<5	<5	0.31 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	0.24 A	<5	<5	<5	<1	<5	19	<10	<1
	03/16/05	7.77	541	0.35	19.2	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	0.33 ACT	<5	<1	<5	0.41 A	<10	<1
DOWNGRADIENT**																													
4916D	03/12/01	6.92	426	25.3	21.4	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	06/07/01	7.10	640	13.6	3.6	<34	0.47 A	<5	<5	0.48 A	<5	<10	<10	<10	0.83 A	<10	2.0 A	<5	6.6 A	<10	<1	<5	1.3 A, T	0.83 A	<5	<5	0.48 A	<10	0.93 A
	08/21/01	6.37	472	18.2	21.4	<34	0.42 A	<5	0.37 A	0.51 A	<5	<10	<10	<10	1.6A	0.55A	1.7A	<5	7.3A	<10	<1	0.91A	<5	0.68A	<5	<5	0.44A	<10	0.71A
	12/05/01	7.48	534	8.2	21.0	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	0.29 A	<5	0.66 A	<10	<1	<5	<5	<5	<5	<5	<5	<10	0.59 A
	02/22/02	7.60	476	21.0	21.2	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	0.42 A
	08/14/02	6.93	499	2.0	22.5	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	0.35 A
	08/14/02 D	6.93	499	2.0	22.5	<34	<1	<5	<5	<5	<5	<10	0.29 AT	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	0.31 A
	03/04/03	6.50	510	6.4	22.2	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	0.24 A
	09/26/03	7.21	684	0.0	22.0	<34	0.42 A	<5	<5	0.51 A	<5	<10	<10	0.32 A	3.1 A	<10	0.82 A	0.44 A	4.5 A	<10	<1	1.0 A	0.26 A	0.73 A	<1	<5	0.37 A	<10	1.2
	02/27/04	7.23	589	50.0	19.7	<34	<1	<5	<5	<5	<5	<10	<10	<10	0.26 A	<10	<5	<5	0.56 A	<10	<1	<5	<5	<5	<1	<5	<5	<10	0.64 A
	09/22/04	6.51	557	22.6	20.1	<34	<1	<5	<5	<5	<5	<10	<10	<10	0.34 A	<10	<5	<5	0.59 A	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/22/05	8.60	2	30.7	17.7	<34	0.32 A	<5	<5	0.63 A	<5	<10	<10	0.48 A	3.6 A	<10	0.62 A	0.40 A	2.7 A	<10	<1	0.84 A	<5	0.51 A	<1	<5	0.21 A	<10	0.32 A
4916F	03/09/01	7.00	511	3.11	15.8	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	1
	06/06/01	5.60	698	1.56	8.0	<34	0.39 A	<5	NA	<5	0.35 A	0.27 A	<10	<10	<10	1.7 A	1.3 A	<5	0.47 A	<10	0.29 A	<5	<5	0.83 A	<5	<5	0.56 A	<10	2.3
	08/16/01	6.26	630	1.40	18.6	<34	1.2 A	<5	<5	<5	0.43 A	0.80 A	<10	<10	<10	1.9 A	4.3 A	<5	1.7 A	<10	<1	0.23 A	<5	1.1 A	<5	<5	0.78 A	<10	6.4
	12/04/01	7.29	572	NM	18.0	<34	0.23 A	<5	<5	<5	0.37 A	<10	<10	<10	<10	<10	0.79 A	<5	0.45 A	<10	<1	<5	<5	1.3 A	<5	<5	0.62 A	<10	1.5
	02/19/02	8.49	583	1.00	17.9	<34	0.35 A	<5	<5	<5	<5	<10	<10	<10	4.8 A	1.3 A	0.83 A	<5	<10	<10	<1	<5	<5	0.87 A	<5	<5	0.31 A	<10	2.0
	08/02		NM															Dry											
	02/07/03		NM															Dry											
	09/11/03	7.97	792	0	20.4	3.0 AT	1.70	<5	<5	1.0 A	<5	0.25 A	<10	0.28 A	4.2 A	0.89 A	4.0 A	<5	4.8 A	0.20 A	<1	2.8 A	0.41 AT	0.65 A	<1	<5	0.40 A	<10	6.0
	03/01/04	7.05	751	0.8	18.8	<34	0.34 A	<5	<5	0.18 A	<5	<10	<10	<10	<10	<10	0.93 A	<5	1.2 A	<10	<1	0.33 A	0.49 AC	0.44 A	<1	<5	0.18 A	<10	3.5
	09/01/04	6.26	777	1.0	19	<34	0.24 A	<5	<5	0.24 A	<5	<10	<10	<10	1.0 A	<10	0.72 A	<5	0.91 A	<10	<1	0.39 A	<5	0.46 A	<1	<5	0.17 A	<10	2.2
	09/01/04 D	6.26	777	1.0	19	<34	0.21 A	<5	<5	0.24 A	<5	<10	<10	<10	1.0 A	<10	0.72 A	<5	0.84 A	<10	<1	0.38 A	<5	0.44 A	<1	<5	<5	<10	2.1
	03/21/05	7.12	883	1.22	19	19 A	0.47 A	<5	<5	0.66 A	<5	<10	<10	<10	4.0 A	0.29 A	0.90 A	0.21 A	1.1 A	<10	<1	0.84 A	<5	0.21 A	<1	<5	<5	<10	3.2
4916G	03/08/01	7.30	473	5.80	18.4	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	06/07/01	6.31	615	3.50	1.0	<34	0.25 A	<5	<5	<5	<5	<10	<10	<10	<10	<10	0.62 A	<5	3.4 A	<10	<1	<5	1.3 AT	<5	<5	<5	<5	<10	0.44 A
	08/21/01	6.75	470	1.60	21.4	<34	<5	<5	0.48 A	<5	<5	<10	<10	<10	<10	<10	0.34 A	<5	2.2 A	<10	<1	<5	<5	<5	<5	<5	<5	<10	0.26 A
	12/27/01	7.76	540	0.80	22.9	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/20/02	7.69	467	1.80	22.1	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	0.50 A	<5	<5	<5	<10	<1
	08/08/02	6.97	NM	NM	24.7	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/17/03	7.34	482	0	22.8	<34	<1	<5	0.42 A	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	02/17/03 D	7.34	482	0	22.8	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	08/28/03	6.77	699	3.0	24.8	<34	0.21 A	<5	<5	0.29 A	<5	<10	<10	<10	0.69 A	<10	0.45 A	<5	3.0 A	<10	<1	0.33 A	<5	0.32 A	<1	<5	<5	<10	0.59 A
	02/26/04	7.18	539	0	23.4	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	0.16 A	<10	<1	<5	<5	<5	<1	<5	<5	<10	0.26 A
	09/22/04	6.46	586	0.2	26.3	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/23/05	6.91	674	1.48	23.3	<34	<1	<5	<5	O.34 A	<5	<10	<10	<10	1.6 A	<10	<5	<5	1.9 A	<10	<1	0.28 A	<5	<5	<1	<5	<5	<10	0.32 A
4916H	03/09/01	6.97	464	2.70	16.6	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	06/06/01	5.73	726	1.50	9.9	<34	0.43 A	<5	<5	<5	0.37 A	0.36 A	<10	<10	<10	2.0 A	1.4 A	<5	0.44 A	<10	0.34 A	<5	<5	0.86 A	<5	<5	0.58 A	<10	3.0
	08/16/01	6.30	378	1.00	18.8	<34	0.77 A	<5	0.34 A T	<5	0.44 A	0.47 A	<10	<10	<10	1.6 A	2.6 A	<5	1.1 A	<10	<1	<5	<5	1.1 A	<5	<5	0.74 A	<10	4.6
	12/04/01	7.40	546	NM	17.8	<34	<5	<5	<5	<5	0.42 A	<10	<10	<10	<10	<10	0.67 A	<5	0.40 A	<10	<1	<5	<5	1.2 A	<5	<5	0.63 A	<10	1.3
	02/19/02	8.64	562	1.00	17.7	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	0.93 A	0.59 A	<5	<10	<10	<1	<5	<5	0.74 A	<5	<5	0.29 A	<10	1.4
	08/06/02	6.74	639	14.0	18.6	<34	0.47 A	<5	<5	<5	<5	<10	<10	<10	<10	0.50 A	0.97 A	<5	0.59 A	<10	<1	<5	<5	0.70 A	<1	<5	0.26 A	<10	1.6
	03/05/03	7.53	502	1.8	17.5	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	0.42 A	<5	<5	<10	<10	<1	<5	0.33 AC	<5	<1	<5	<5	<10	0.61 A
	09/11/03	7.84	783	1.0	19.0	2.8 AT	1.6	<5	<5	0.96 A	<5	0.23 A	<10	0.31 A	3.7 A	0.76 A	4.0 A	0.63 A	4.7 A	0.23 A	<1	2.7 A	0.47 AT	0.61 A	<1	<5	0.43 A	<10	5.7
	03/01/04	7.09	739	1	18.1	<34	0.28 A	<5	<5	0.18 A	<5	<10	<10	<10	<10	<10	0.95 A	<5	1.3 A	<10	<1	0.35 A	0.52 ACF	0.45 A	<1	<5	0.19 A	<10	2.6
	09/01/04	6.31	776	0.4	19.1	<34	0.22 A	<5	<5	0.23 A	<5	<10	<10	<10	0.91 A	<10	0.68 A	<5	0.89 A	<10	<1	0.37 A	<5	0.46 A	<1	<5	0.19 A	<10	2.3
	03/21/05	7.51	943	3.3	19.4	<34	0.71 A	<5	<5	0.93 A	<5	<10	<10	0.28 A	5.3 A	0.38 A	1.1 A	0.23 A	1.4 A	<10	<1	1.1 A	<5	0.28 A	0.25 A	<5	<5	<10	4.6

TABLE 6.
GROUNDWATER SAMPLE RESULTS FOR VOLATILE ORGANIC COMPOUNDS
BRADLEY LANDFILL AND RECYCLING CENTER, CITY OF LOS ANGELES, CA

Well Identification	Date Sampled	Field Parameters				Volatile Organic Compounds*																							
		Field pH	Field EC	Field Turbidity	Field Temp	Acetone	Benzene	Bromodichloromethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloroethane	Chloromethane	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Dichloro-difluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1-Dichloroethene	1,2-Dichloropropane	Methylene Chloride	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Trichlorofluoromethane	Vinyl Chloride
		pH units	µmhos/cm	NTUs	°C	µg/L																							
4916J	03/14/01	6.87	474	2.20	19.8	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	06/12/01	7.06	2650	0.70	2.3	<34	0.40 A	<5	<5	<5	0.30 A	<10	<10	<10	<10	1.7 A	2.1 A	<5	0.91 A	<10	<1	<5	<5	1.5 A	1.1 A	<5	0.65 A	<10	1.7
	08/16/01	6.57	682	1.10	19.6	<34	0.24 A	<5	0.31 AT	<5	0.36 A	0.29 A	<10	<10	<10	1.5 A	1.9 A	<5	0.64 A	<10	<1	<5	<5	1.1 A	<5	<5	0.63 A	<10	1.1
	12/04/01	7.24	594	0.90	17.3	<34	0.44 A	<5	<5	<5	0.48 A	<10	<10	<10	<10	<10	1.3 A	<5	1.6 A	<10	<1	<5	<5	1.5 A	<5	<5	0.91 A	<10	1.3
	12/4/01 D	7.24	594	0.90	17.3	<34	0.41 A	<5	<5	<5	0.47 A	<10	<10	<10	<10	0.88 A	1.4 A	<5	1.6 A	<10	<1	<5	<5	1.6 A	<5	<5	0.92 A	<10	1.2
	02/19/02	7.37	568	1.50	17.6	<34	0.34 A	<5	<5	<5	<5	<10	<10	<10	<10	1.2 A	0.85 A	<5	0.40 A	<10	<1	<5	<5	0.93 A	<5	<5	0.45 A	<10	1.9
	08/29/02	6.68	601	0	20.3	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	0.61 A	1.1 A	<5	0.45 A	<10	<1	<5	<5	0.59 A	<1	<5	<5	<10	1.0
	02/17/03	7.36	453	0	18.4	<34	<1	<5	0.34 A	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/11/03	7.52	937	NM	23.4	3.0 AT	0.91 A	<5	<5	1.3 A	<5	0.32 A	<10	0.59 A	7.3 A	0.93 A	6.4	1.1 A	6.4 A	0.19 A	<1	4.5 A	0.34 AT	0.91 A	<1	<5	0.87 A	<10	4.3
	03/04/04	6.89	733	0	18.2	<34	0.43 A	<5	<5	0.29 A	<5	<10	<10	<10	1.0 A	0.64 A	1.3 A	<5	1.9 A	<10	<1	0.61 A	0.53 AC	0.60 A	<1	<5	0.28 A	<10	3.1
	09/02/04	6.41	879	0.4	20.4	<34	0.27 A	<5	<5	0.38 A	<5	<10	<10	<10	1.9 A	<10	0.98 A	<5	1.2 A	<10	<1	0.61 A	<5	0.59 A	<1	<5	0.22 A	<10	2.1
	03/18/05	6.84	890	0.85	18.6	<34	0.29 A	<5	<5	0.67 A	0.19 A	<10	<10	0.49 A	3.9 A	0.44 A	1.7 A	0.51 A	1.8 A	<10	<1	1.6 A	<5	0.42 A	<1	<5	<5	<10	1.8
4916L	03/14/01	7.13	425	2.75	19.4	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<2	<1
	06/12/01	7.60	4240	3.10	3.0	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<5	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	4.2 A	<10	<1
	08/14/01	6.91	390	1.20	21.8	<34	<5	<5	0.26 A	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	4.2 A	<10	<1
	12/04/01	7.99	539	2.00	18.0	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	1.6 A	<10	<1
	02/19/02	7.85	541	2.20	18.3	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	0.91 A	<10	<1
	08/29/02	7.17	604	0	22.5	<34	<1	<5	<5	<5	<5	<10	0.33 A	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	0.50 A	<10	<1
	02/17/03	8.09	418	0	19.0	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	09/11/03	9.10	528	NM	23.5	2.8 AT	<1	<5	<5	<5	0.41 A	0.19 A	1.2 A	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	4.5 A	<10	<1
	03/01/04	7.73	636	0.1	18.4	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	0.42 AC	<5	<1	<5	2.6 A	<10	<1
	09/02/04	7.09	806	2	21.2	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	0.34 A	<5	<10	<10	<1	<5	<5	<5	<1	<5	1.9 A	<10	<1
	03/16/05	7.68	531	1.29	19.4	<34	<1	<5	<5	<5	0.19 A	<10	<10	<10	<10	<10	<5	<5	<10	<10	0.30 A	<5	0.40 ACT	<5	<1	0.20 A	25	<10	<1
4926C	04/17/01	6.98	628	5.00	22.2	<10	<1	<1	<1	<1	<1	<2	<2	<1	<1	<2	<1	<1	2.4	<0.5	<1	<1	<1	1	<1	<1	<1	<2	<1
	06/06/01	5.87	760	1.30	2.5	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	0.82 A	0.37 A	<5	1.5 A	<10	<1	<5	<5	0.60 A	<5	<5	<5	<10	0.70 A
	08/14/01	6.68	595	1.5	23.7	<34	<5	<5	1.0 AF	<5	<5	<10	<10	<10	<10	0.27 A	0.27 A	<5	1.1 A	<10	<1	<5	1.4 AFT	<5	<5	<5	<5	<10	0.54 A
	8/14/01 D	6.68	595	1.5	23.7	<34	<5	<5	1.3 AF	<5	<5	<10	<10	<10	<10	0.29 A	0.27 A	<5	1.1 A	<10	<1	<5	<5	<5	<5	<5	<5	<10	0.56 A
	12/05/01	7.79	517	1.3	22.6	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	02/20/02	7.82	473	8	22.4	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<5	<5	<5	<10	<1
	08/02		NM														Dry												
	02/07/03		NM														Dry												
	09/08/03	7.53	716	2.7	24.6	<34	<1	<5	<5	0.30 A	<5	<10	<10	<10	<10	<10	0.27 A	<5	1.7 A	<10	<1	<5	0.39ACFT	<5	<1	<5	<5	<10	0.33 A
	02/19/04	7.35	531	2.0	24.0	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	0.34 AC	<5	<1	<5	<5	<10	<1
	02/19/04 D	7.35	531	2.0	24.0	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	0.32 ACT	<5	<1	<5	<5	<10	<1
	09/22/04	6.98	589	3.3	30.9	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
	03/22/05	7.14	776	2.3	24.1	<34	<1	<5	<5	<5	<5	<10	<10	<10	0.32 A	<10	<5	<5	1.1 A	<10	<1	<5	<5	<5	<1	<5	<5	<10	<1
SEPARATE WATER SYSTEM**																													
4916C	09/04/01	7.43	1,200	8.1	20.3	<34	<5	<1	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	0.45 AT	<5	<5	1.7 A	<5	<1	4.9 A	<10	<1
	04/02/02	7.42	975	NM	23.2	<34	<5	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	1.4 A	<5	<5	3.0 A	<10	<1
	08/14/02	7.48	288	26	30.3	<34	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	1.5 A	<1	<5	4.2 A	<10	<1
	02/07/03		NM			Electrical equipment repaired in March 2003, attempted to sample, water level too low for submersible pump. Low recharge from upgradient water source.																							
	09/29/03	8.99	580	1.0	21.3	2.7 A	<1	<5	<5	<5	<5	<10	<10	<10	<10	<10	<5	<5	<10	<10	<1	<5	<5	<5	<1	<5	0.21 A	<10	<1
	03/2004		NM			Attempted to sample, water level too low for submersible pump. Low recharge from upgradient water source.																							
	09/2004		NM			Attempted to sample, water level too low for submersible pump. Low recharge from upgradient water source.																							

Notes:
C flag denotes analyte was also detected in the associated method blank.
A flag denotes concentration reported is estimated because it is below the reporting limit.
Q flag denotes elevated reporting limit due to high analyte levels.
NM = Not measured.
NS = Not Sampled
T = Constituent was detected in associated trip blank.
F = Constituent was detected in associated field blank.
NA = Not analyzed.
* = Only constituents that are detected have been listed. See laboratory report for full list.
** = Upgradient, downgradient and separate water system as defined in WDR/MRP.
March & April 2001 data from HardingESE April 27, 2001 Report. Well 4916C was not sampled in March 2001. See HardingESE (April 27, 2001) report for full summary of 5-year Constituent of Concern Scan.
Resample was not possible due to low water volume. Vapor head space collected and contained no TCE. See report for more detail.
February/March 2003 samples also analyzed for annual parameters, please see Section 2 of report for discussion of results.

Resample was not possible due to low water volume. Vapor head space collected and contained no TCE. See report for more detail.
mg/L = milligram per liter
µg/L = microgram per liter
µmhos/cm = micromhos per centimeter
EC = electrical conductivity
NTU = nephelometric turbidity units

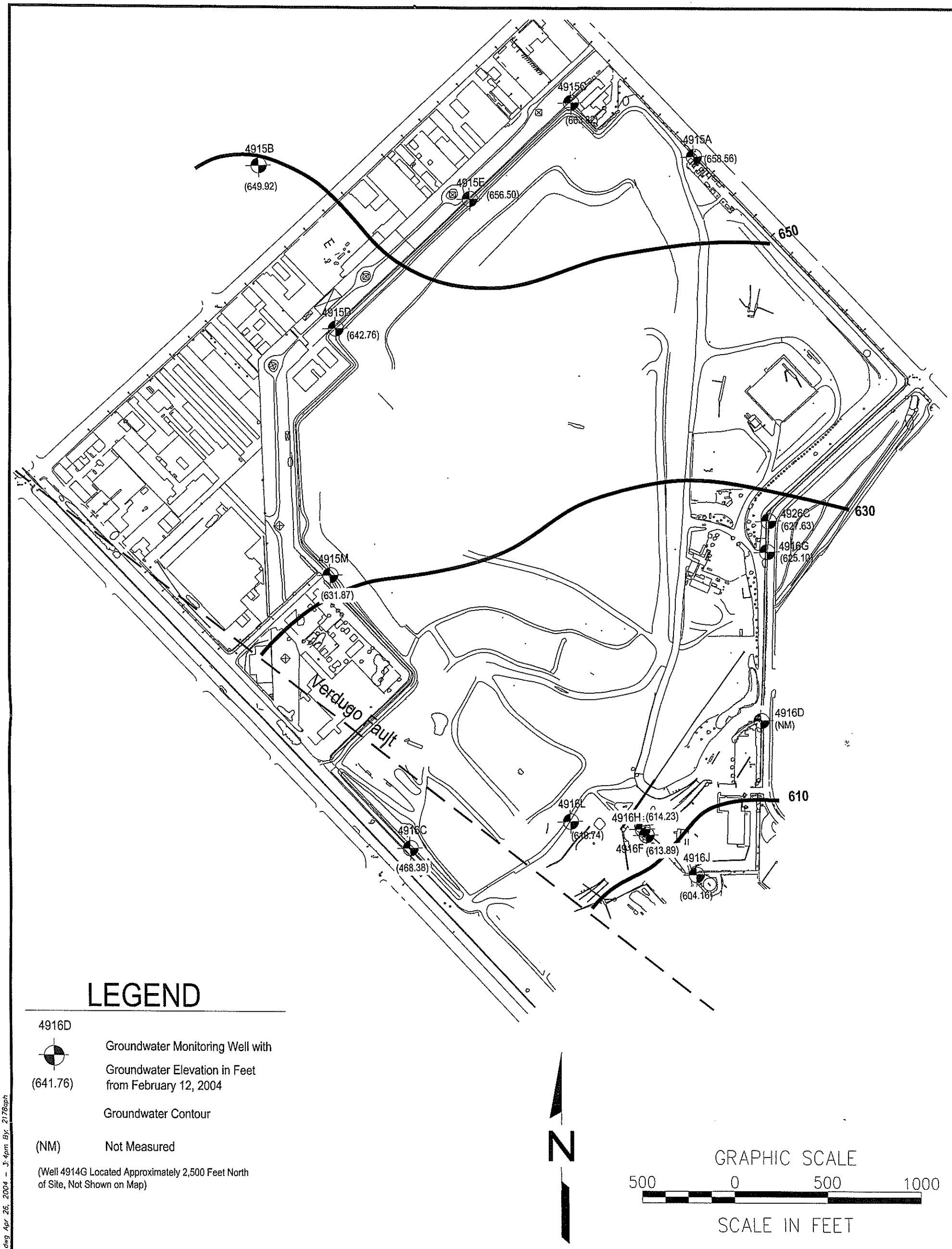
TABLE 7.
ANALYTICAL RESULTS FOR LEACHATE
BRADLEY LANDFILL AND RECYCLING CENTER, SUN VALLEY, CALIFORNIA

Sample Location	SUMP A	SUMP B					SUMP C	SUMP D			OLD SUMP E				NEW SUMP E		SUMP F	
Date Sampled	2/19/2003	11/20/2001	2/22/2002	2/19/2003	3/11/2004	3/23/2005	3/4/2004	2/19/2003	3/4/2004	3/23/2005	11/20/2001	2/22/2002	2/19/2003	3/5/2004	3/5/2004	3/21/2005	3/4/2004	3/23/2005
General Chemistry and Metals (mg/L)																		
Hardness as CaCO3	680 CQ	1,580 CQ	--	2,500 CQ	2,500 Q	1,300 Q	1,900 Q	1,200 CQ	1,200 Q	970 Q	1,700 CQ	--	990 CQ	740 G	1,800 Q	14,000 Q	2,100 Q	1,500 Q
HEM (Oil and Grease)	44	--	--	5.4	3.8 A	43	1.5 A	24	11	23	--	--	10	13	13	47 C	32	5.1
Specific Conductance	14,000 C	11,500 C	--	7,100 C	11 C	7,900	6,900	6,900 C	9,300	6,700	14,000 C	--	20,000 C	25,000	18,000	36,000	5,900	6,000
Total Dissolved Solids	8,300 Q	6,760 Q	--	5,100 Q	6.7 Q	4,800 C	3,900 Q	4,600 Q	5,200 Q	3,800 C	8,350 Q	--	12,000 Q	14,000 Q	10,000 Q	55,000 CQ	3,700 Q	3,800 C
Barium	0.73	--	3.15	3	3.6	2.7	2	1.7	1.5	1.3	--	2.59	1.6	1.0	2.9	0.61	1.5	1.3
Calcium	95	197	--	560	540	430	440	230	280	300	183	--	62	81	270	4,300	580	520
Magnesium	110	195	--	240	250	210	210	120	130	130	28.2	--	150	140	260	1,200	200	190
Potassium	690	--	159	92	190	140	99 CL	230	280 CL	150	--	267.0	1,200	1,500 CL	810 CL	2,700	59 CL	68
Sodium	2,100 C	1340	--	790 C	1,200 C	840	620	790 A	940	670	1650	--	2,500 C	3,000	1,900	4,000	500	570
Chloride	2,400 CQ	2,270 Q	--	2,900 CQ	2.6 Q	1,600 Q	1,200 Q	1,700 CQ	1,400 Q	1,100 Q	2,560 Q	--	4,300 CQ	3,600 Q	3,000 Q	4,800 Q	130 Q	1,000 Q
Sulfate	<25 G	<50 G	--	<0.025 G	<25	5 AG	2.8 AG	<25 G	2.2 AG	6.7 AG	<50 G	--	<50 G	4.7 ACG	3.8 ACG	8,900 Q	18 G	11 AG
Fluoride	2.7 AG	1.5 AG	--	1.8 AG	<5	0.68 AG	2.3 AG	1.7 AG	13 Q	0.77 AG	<10 G	--	<0.01 G	<5 G	<5	<200	3.9 AG	0.87 AG
Bicarbonate Alkalinity	4,700	2,820	--	1,500	1,900	1,600	1,700	2,000	2,200	1,700	3,900	--	7,000	8,400	5,400	15,000 Q	1,900	1,800
Total Alkalinity	4,700 Q	2,820 Q	--	1,500 Q	1,900	1,600	1,700	2,000 Q	2,200	1,700	3,900 Q	--	7,000 Q	8,400 C	5,400 C	15,000 CQ	1,900	1,800
Chemical Oxygen Demand	3,100 Q	1,920 CQ	--	920 Q	280 IC	1,300 Q	600 Q	2,300 Q	2,300 Q	1,400 Q	3,360 Q	--	6,200 Q	10,000 G	5,100 G	96,000 CQ	140	780 Q
Free Cyanide	0.015 C	0.017	--	0.013 C	0.0046 A	<0.01	<0.01	0.013 C	0.0056 A	<0.01	0.018	--	0.0092 AC	0.01	<0.01	<0.05	<0.01	0.0028 A
Total Cyanide	0.041	0.027	--	0.016	0.11	0.0089 A	0.004 A	0.019	0.0091 A	<0.01	0.024	--	0.014	<0.01	<0.01	0.01	<0.01	<0.01
Total Sulfide	0.18 AG	--	<4	<0.05	<0.05	0.018 A	<0.05	0.12 G	0.026 A	0.003 A	--	<4	33 Q	<0.5	<0.5	7.0 Q	<0.05	<0.05
Total Organic Carbon 1	1,000 Q	556 Q	--	310 Q	510 Q	400 Q	200 Q	680 Q	920 Q	520 Q	1030 Q	--	2,000 Q	3,400 Q	1,800 Q	32,000 CQ	170 Q	230 Q
Total Organic Carbon 2	1,000 Q	580 Q	--	310 Q	520 Q	410 Q	210 Q	670 Q	910 Q	510 Q	1060 Q	--	2,100 Q	3,500 Q	1,800 Q	31,000 CQ	180 Q	230 Q
Total Organic Halogens 1	3.2 QX	1.91 CG	--	1.2 QX	1.6 QX	1,900 Q	0.6 Q	2.0 QX	1.7 AQ	1,700 Q	2.70 CXG	--	3.2 QX	1.9 AQX	2.1 QX	1,200 Q	0.46 AQ	840 Q
Total Organic Halogens 2	3.3 QX	2.42 CXG	--	1.1 QX	1.5 QX	1,800 Q	0.63 Q	2.1 QX	2 AQ	1,900 Q	2.49 CXG	--	3.4 QX	2.1 AQX	2.0 QX	1,200 Q	0.42 AQ	770 Q
Total Organic Halogens 3	4.1 QX	2.25 CXG	--	1.1 QX	1.9 QX	2,000 Q	0.73 QX	2.1 QX	2.6 Q	1,900 Q	2.35 CXG	--	2.7 QX	1.8 AQX	1.9 QX	1,100 Q	0.5 AQ	770 Q
Total Organic Halogens 4	3.7 QX	2.1 CXG	--	1.2 QX	1.8 QX	1,900 Q	0.68 QX	2.1 QX	2.1 AQ	1,900 Q	2.50 CXG	--	2.7 QX	1.8 AQX	1.8 QX	1,100 Q	0.55 AQ	1,400 Q
Antimony	<0.01	--	<0.010	<0.01	<0.01	0.0057 A	0.005 A	<0.01	0.016	0.018	--	<0.010	0.014	0.015	0.016	0.032 A	<0.01	<0.01
Arsenic	0.21	--	0.0893	0.1	0.12	0.12	0.063	0.11	0.14	0.1	--	0.0649	0.23	0.54	0.35	0.11	0.0051 A	0.012
Arsenic (Dissolved)	--	0.095	--	--	--		--	--	--		0.0997	--	--	--	--	--	--	--
Beryllium	<0.005	--	<0.005	<0.005	0.0016 AC	<0.005	0.0012 AC	<0.005	0.00099 AC	<0.005	--	<0.005	<0.005	0.0014 AC	0.019 AC	<0.025	0.001 AC	<0.005
Boron	23	9.14 C	--	4	6.7	7.3	4	4.9	6.9	4.2	8.87 A	--	14	21	9.1	34	3.5	3.4
Cadmium	<0.005	<0.005	--	0.00044 A	<0.005	0.00059 A	0.67 A	0.0016 A	0.0012 A	0.001 A	<0.005	--	0.0012 A	0.0019 A	0.0031 A	0.11	0.00069 A	<0.005
Chromium	0.15 C	0.0407	--	0.011 C	0.025	0.022	0.0086 A	0.045 C	0.062	0.028	0.0619	--	0.18 C	0.3	0.096	0.48	0.011	0.017
Cobalt	0.054	--	0.0213	<0.01	0.022 C	0.02	0.0055 A	0.02	0.023	0.017	--	0.0242	0.049	0.064	0.052	0.17	0.007 A	0.0095 A
Copper	0.026	<0.010	--	0.0012 A	0.0074 AC	0.012	0.0036 A	0.016	0.011	0.45	<0.010	--	0.031	0.1	0.039	0.037 A	0.0036 A	0.0032 A
Iron	4.7	15.7	--	19	16	15	20	15	10	21	9.69	--	22	16	21	3,400	12	13
Lead	<0.003	0.0013 A	--	0.0023 AC	<0.003	<0.003	<0.003	0.032 C	0.027	0.0072	0.0015 A	--	0.0044 C	0.023	0.023	0.17	0.003	<0.003
Manganese	0.3	0.422	--	2.9	2.5	2.4	1.6	1.2	1.2	2.0	0.560	--	0.21	0.28	0.87	58 C	4.5	3.4
Mercury	<0.0002	--	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	0.00026 A	<0.0002	--	<0.0002	<0.0002	<0.0002	<0.002	<0.002	0.0008	<0.0002
Nickel	0.2	0.114	--	0.095	0.14	0.094	0.037 A	0.12	0.14	0.087	0.176	--	0.2	0.25	0.24	0.57	0.035 A	0.04
Selenium	0.011	--	<0.005	0.008	<0.005	<0.005	<0.005	<0.011	0.0086	<0.005	--	<0.005	0.023	0.028	0.013	0.042	<0.005	<0.005
Silver	0.0011 AC	<0.010	--	0.0016 AC	<0.01	0.0018 A	1.3 AC	0.002 AC	0.0012 AC	0.00041 A	<0.010	--	0.00085 AC	0.01	<0.01	0.0033 A	0.002 AC	<0.01
Zinc	0.35	0.0146 A	--	0.0073 A	<0.02	0.09	<0.02	1.1	0.26	0.8	<0.020	--	0.17	0.54	0.39	65 C	0.068	0.011 A
Volatile Organic Compounds (µg/L)*																		
Acetone	--	--	--	--	32	<680	<68	--	280 A	42 A	--	--	--	4,600	4,700	3,300 A	260	<340
Benzene	2.6 A	<88	--	2.2 A	1.6	<20	5.8	2.0 A	<20	5.0 A	1.6 A	--	4.5 A	<50	<5,000	<100	4.4	7.3 A
Carbon disulfide	--	--	--	--	<5	<100	<10	--	<100	<50	--	--	--	100 A	<250	<500	<12	<50
Chlorobenzene	3.9 A	<100	--	1.1 A	0.71 A	<100	2 A	0.91 A	<100	<50	<20	--	0.49 A	<250	<250	<500	2.2 A	2.1 A
Chloroethane	<20	<200	--	<20	<10	<200	<20	<20	<200	<100	<40	--	<20	<500	<500	<1,000	1.5 A	<100
1,2-Dichlorobenzene	--	--	--	--	0.88 A	<200	2.1 A	--	<200	<100	--	--	--	<500	<500	<1,000	0.53 A	<100
1,4-Dichlorobenzene	--	--	--	--	10	13 A	14 A	--	12 A	7.1 A	--	--	--	<500	<500	<1,000	7.6 A	25 A
1,1-Dichloroethane	0.45 A	<100	--	1.3 A	0.71 A	<100	3.6 A	<10	<100	<50	<20	--	<10	<250	<250	<500	1.9 A	2.8 A
1,2-Dichloroethane	0.78 A	<56	--	0.81 A	<5	<100	0.81 A	<5.6	<100	<50	<11	--	<5.6	<250	<250	<500	<12	<50
cis-1,2-Dichloroethene	--	--	--	--	3.4 A	4.7 A	2.3 A	--	<200	5.1 A	--	--	--	<500	<500	<1,000	2.3 A	2.8 A
1,2-Dichloropropane	1.2 A	<100	--	1.1 J	0.76 A	<100	2.5 A	<10	<100	<50	<20	--	<10	<250	<250	<500	0.86 A	<50
Ethylbenzene	19	21 A	--	24	14	13 A	23	13	13 A	9.4 A	6.3 A	--	6.0 A	<250	<250	<500	13	42 A
2-Hexanone	--	--	--	--	<5	<100	<10	--	<100	330	--	--	--	<250	<250	<500	<12	<50
Methylene Chloride	<5.6	<56	--	<5.6	0.71 AC	9.3 A	1.6 ACT	<5.6	13 AC	4.9 A	<11	--	0.95 A	13 ACT	19 ACT	<500	4.3 ACT	6.4 A
4-Methyl-2-Pentanone	--	--	--	--	<10	<200	<20	--	27 A	<100	--	--	--	<500	110 A	<1,000	13 A	<100
Styrene	--	--	--	--	<5	<100	<10	--	740	68	--	--	--	17 A	85 A	<500	<12	5.8 A
Tetrachloroethane	<8	<80	--	<8	<5	<100	<10	0.66 A	<100	<50	<16	--	<8	<250	<250	<500	0.8 A	<50
Toluene	12	12 A	--	4.2 A	7.4	12 A	36	31	14 A	9.5 A	14 A	--	20	14 A	28 A	47 A	42	12
Trichloroethene	0.48 A	<38	--	<3.8	<5	<100	<10	1.1 A	<100	<50	<7.6	--	<3.8	<250	<250	<500	1.2 A	<50
Vinyl Chloride	1.6 A	<40	--	1.5 A	0.78 A	<20	3.2	<4.0	<100	<10	<8	--	<4	<50	<50	<100	2 A	6.8 A
Xylenes	--	--	--	--	19	26 A	23	--	36 A	21 A	--	--	--	<500	<500	<1,000	30	58 A
2-Butanone	--	--	--	--	<10	<200	23	--	350	<100	--	--	--	2,300	3,900	1,900	330	<100
Semi-Volatile Organic Compounds (µg/L)*																		
Acetophenone	<50	--	<10	<10	<10	<10	<10	14	11	43	--	<10	<50	<1,500	<500	<9,000	2.8 A	<10
bis(2-Ethylhexyl)phthalate	<50	--	<10	<10	6.5 A	7.5 A	<10	47	37	21	--	<10	<50	<1,500	<500	<9,000	15	21
Phenol	240	--	<10	<10	<10	<10	<10	<10	<10	14	--	30	<50	6,600	2,400	30,000	35	<10
2,4-Dimethylphenol						<10				<10						<9,000		1.9 A
2-Methylnaphthalene	<50	--	<10	<10	<10	<10	6.4 A	<10	<10	<10	--	<10	<50	<1,500	<500	<9,000	<10	2.2 A
2-Methylphenol	<50	--	<10	<10	4.8 A	2.4 A	<10	<10	<10	<10	--	<10	<50	<1,500	<500	<9,000	<10	<10
3-Methylphenol & 4-Methylphenol	61	--	<10	<10	<10	25	<10	<10	<10	9.8 A	--	28	590	12,000	5,000	14,000	76	4.3 A
Naphthalene	<50	--	13	<10	11	6.4 A	13	<10	4.9 A	4.3 A	--	42	<50	<1,500	<500	<9,000	4.4 A	9.1 A
Dimethyl Phthalate	570	--	63	<10	<10	<10	<10	<10	<10	<10	--	<10	<50	<1,500	<500	<9,000	<10	<10

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
-- = not analyzed
C = analyte was also detected in the associated method blank at a reportable limit.
A = concentration reported is estimated because it is below the reporting limit.
IC = Diluted due to high inorganic chloride.
Q = Reporting limit is elevated due to high analyte levels.
G = The reporting limit is elevated due to matrix interference.
X = TOX (Total Organic Halogens) exhibited carryover.
* = Only analytes detected in one or more leachate samples are listed. See lab report for full list of anlytes

APPENDIX A

2004 Groundwater Elevation and Contour Maps



LEGEND

4916D

Groundwater Monitoring Well with

(641.76) Groundwater Elevation in Feet from February 12, 2004

Groundwater Contour

(NM) Not Measured

(Well 4914G Located Approximately 2,500 Feet North of Site, Not Shown on Map)

GRAPHIC SCALE

500 0 500 1000

SCALE IN FEET

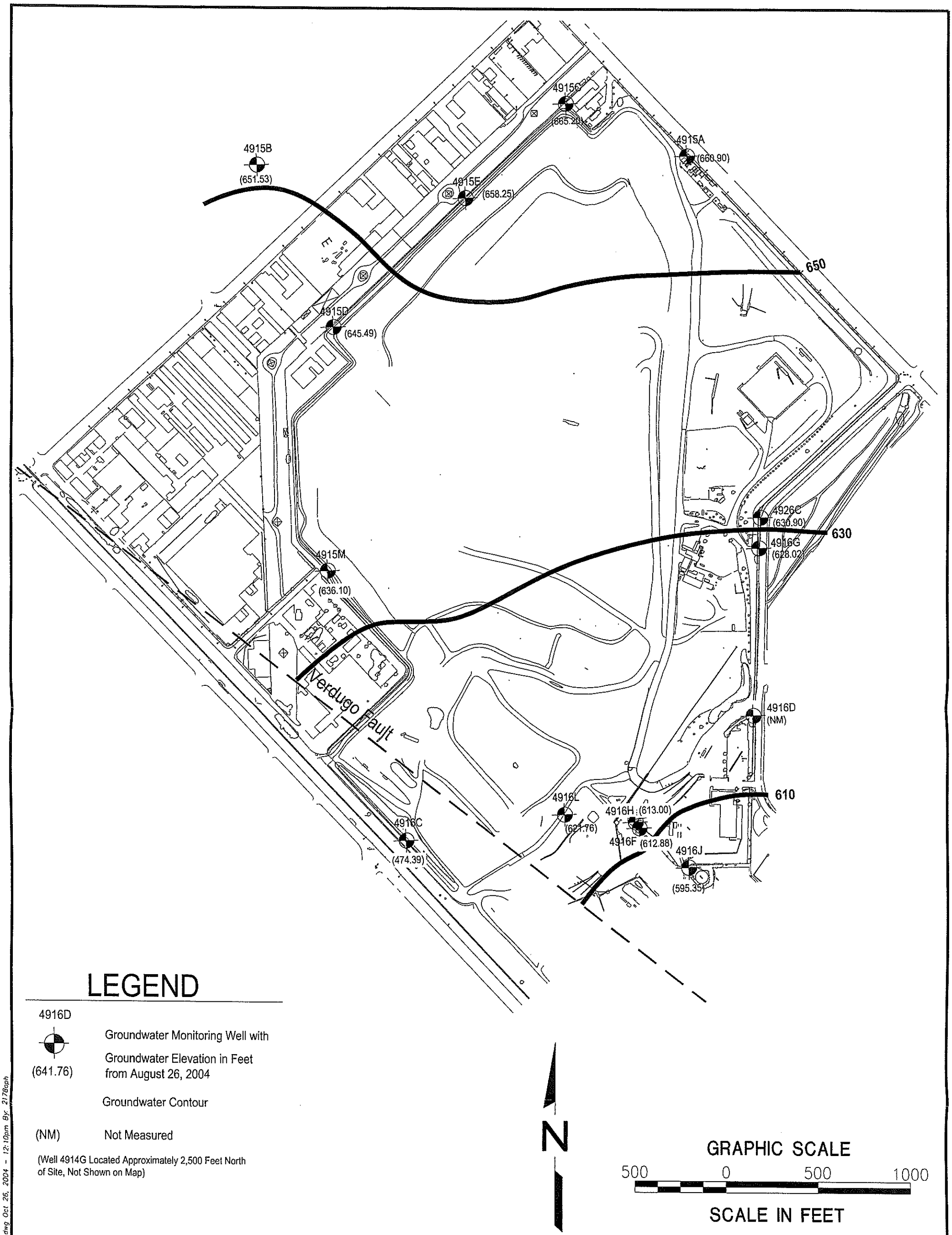
SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3711 LONG BEACH BLVD., 9th FLOOR
LONG BEACH, CA 90807
PH. (562) 426-9544 FAX. (562) 427-0805

SHEET TITLE: Groundwater Elevations and Contours, February 2004

PROJECT TITLE: Bradley Landfill and Recycling Center
Sun Valley, California

PROJ. NO. 01201026.00	DWN. BY: APH	ACAD FILE:	SCALE: 1' = 500'	DATE April 2004	Figure 3
DSN. BY:	CHK. BY: TQS	APP. BY: KHL			

J:\SW\JOBS\2001\01201026\BradleyGW Contours.dwg Apr 26, 2004 - 3:4pm By: 2178aph



LEGEND

4916D

Groundwater Monitoring Well with

(641.76) Groundwater Elevation in Feet from August 26, 2004

Groundwater Contour

(NM) Not Measured

(Well 4914G Located Approximately 2,500 Feet North of Site, Not Shown on Map)

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3711 LONG BEACH BLVD., 9th FLOOR
LONG BEACH, CA 90807
PH. (562) 426-9544 FAX. (562) 427-0805

SHEET TITLE: Groundwater Elevations and Contours, August 2004

PROJECT TITLE: Bradley Landfill and Recycling Center
Sun Valley, California

PROJ. NO. 01201026.00	DWN. BY: APH	ACAD FILE:	SCALE: 1' = 500'	DATE October 2004	Figure 3
DSN. BY:	CHK. BY: TQS	APP. BY: KHL			

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APPENDIX B

Field Sampling Forms

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915A (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only/Lab ID: DSC160237-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031505	0830	150		250	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ___ µ (circle or fill in)

Purging Device: E

Sampling Device: E

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 92845 (ft/msl)

Depth to Water (DTW) (from TOC): 22830 (ft)

Groundwater Elevation (site datum, from TOC): 8170 (ft/msl)

Total Well Depth (from TOC): 31000 (ft)

Stick Up (from ground elevation): ___ (ft)

Casing ID: 60 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit GAL	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0910	5.0 1st	787 1st	.552	215	105	5.59	352	
0920	10.0 2nd	821 2nd	.007	209	360	6.09	349	
0930	15.0 3rd	808 3rd	.551	208	79	8.14	349	
0935	20.0 4th	808 4th	.204	209	1.1	9.24	347	
0945	25.0	809	.539	208	1.1	9.83	344	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ___ Units ___
031505	809	.539	208	1.1	9.83	344	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5/5 Outlook: GOOD Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
3/15/05	MARCO QUEN	SCS ENGINEERS	Marco Quen

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM P 94/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915B (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC190131-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 18 05	0805	1:30		60	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 917.64 (ft/msl)

Depth to Water (DTW) (from TOC): 196.82 (ft)

Groundwater Elevation (site datum, from TOC): 720.82 (ft/msl)

Total Well Depth (from TOC): 389+ (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 8.0 (in)

Casing Material: STEEL

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal.	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0830	2.5 1st	8.60 1st	.422 1st	16.8	5.42	11.2	402	
0840	4.0 2nd	8.61 2nd	.472 2nd	17.0	7.28	9.8	398	
0850	6.0 3rd	8.59 3rd	.459 3rd	17.1	6.36	13.0	396	
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 18 05	8.59	.459	17.1	6.36	13.0	396	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 045 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/18/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM-R-12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915C (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSL160237-004

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031505	1330	150		150	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: E — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: E

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 92790 (ft/msl)

Depth to Water (DTW) (from TOC): 21557 (ft)

Groundwater Elevation (site datum, from TOC): 69.43 (ft/msl)

Total Well Depth (from TOC): 28500 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 4.5 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit GAL		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
14:02	5.0	1st	871	1st	.570	23.0	~~[illegible]~~ 0.6	9.61	351	
14:10	10.0	2nd	842	2nd	.611	21.8	0.55	10.2	356	
14:16	15.0	3rd	775	3rd	.595	21.8	0.22	10.5	353	
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
031505							

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: CLEAR — Other: ——

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 — Outlook: GOOD — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/15/05	MARCO QUEN	SCS ENGINEERS	Marco Quen

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM F 1/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 49 15D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC170217-01

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 16 05	0800	2:00		4.0	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: (Y) or N — (0.45 µ) or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 915.86 (ft/msl)

Depth to Water (DTW) (from TOC): 219.77 (ft)

Groundwater Elevation (site datum, from TOC): 104.23 (ft/msl)

Total Well Depth (from TOC): 324.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit Gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:55	1.0 1st	7.88 1st	524	24.0	0.56	7.31	368	
09:05	2.0 2nd	7.25 2nd	517	22.8	0.27	7.17	374	
09:20	3.0 3rd	7.80 3rd	516	22.5	0.00	7.10	377	
09:35	4.0 4th	7.80 4th	515	22.6	0.14	7.11	379	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
03 16 05	7.80	515	22.6	0.14	7.11	379	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: ——

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/16/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915E (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC160237-003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031505	1030	1.50		200	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ___ µ (circle or fill in)

Purging Device: E — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: E

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 92719 (ft/msl)

Depth to Water (DTW) (from TOC): 21920 (ft)

Groundwater Elevation (site datum, from TOC): 10580 (ft/msl)

Total Well Depth (from TOC): 32500 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id. etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit GAL	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1054	5.0 1st	770 1st	.542	236	0.45	104	345	
1100	10.0 2nd	763 2nd	.588	224	461	140	348	
1110	15.0 3rd	762 3rd	.590	221	0.69	132	346	
1120	20.0 4th	750 4th	.559	223	0.69	147	346	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
031505	750	.559	223	0.69	147	346	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: CLEAR — Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 — Outlook: GOOD — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/15/05	MARCO QUEN	SCS ENGINEERS	Marco Quen

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM P 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915M (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC170217-01

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031605	1030	1:30		50	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 898.12 (ft/msl)

Depth to Water (DTW) (from TOC): 226.44 (ft)

Groundwater Elevation (site datum, from TOC): 631.68 (ft/msl)

Total Well Depth (from TOC): 277.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:00	2.0 1st	7.80 1st	.541	19.7	0.90	6.50	366	
11:10	3.0 2nd	7.78 2nd	.543	19.3	0.43	6.87	368	
11:20	4.0 3rd	7.78 3rd	.540	19.2	0.40	6.99	369	
11:30	5.0 4th	7.77 4th	.541	19.2	0.35	6.55	370	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
031605	7.77	.541	19.2	0.35	6.55	370	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: ——

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03.16.05	MARCO QUEN	[signature]	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 4916 D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC230191-004

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
032205	1445	40		15000	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ___ µ (circle or fill in)

Purging Device: A — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: A

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 89107 (ft/msl)

Depth to Water (DTW) (from TOC): (ft)

Groundwater Elevation (site datum, from TOC): (ft/msl)

Total Well Depth (from TOC): 32500 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 80 (in)

Casing Material: Steel

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1455	500	1st	740	1st	.001	178	1063	42	384	
1500	1000	2nd	738	2nd	.001	177	488	31	365	
1515	1500	3rd	860	3rd	.002	177	307	30	325	
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
032205	860	.002	177	307	30	325	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: CLEAR — Other: (RAIN)

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 — Outlook: — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
032205	MARCO QUEN	Marco Quen	SCS Engineers

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM F 1/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4916F (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC220179-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 21 05	0820	1100		100	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: E — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: E

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 860.10 (ft/msl)

Depth to Water (DTW) (from TOC): 230.55 (ft)

Groundwater Elevation (site datum, from TOC): 629.55 (ft/msl)

Total Well Depth (from TOC): 254.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 4.5 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpd	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:45	3.0 1st	6.99 1st	.781	18.8	1.54	5.3	404	
0852	5.0 2nd	7.10 2nd	.870	18.5	1.69	3.2	403	
0855	8.0 3rd	7.04 3rd	.827	18.9	1.83	4.2	401	
0900	10.0 4th	7.12 4th	.883	19.0	1.22	2.8	399	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
03 21 05	7.12	.883	19.0	1.22	2.8	399	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/21/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 4916G (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only/Lab ID: canceled DSC23019

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 22 05	1000	2:50		15	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 900.55 (ft/msl)

Depth to Water (DTW) (from TOC): 25.20 (ft)

Groundwater Elevation (site datum, from TOC): 648.55 (ft/msl)

Total Well Depth (from TOC): 363.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1050	0.5 1st	6.42 1st	.645 1st	25.4	0.35	.04	363	
1103	1.0 2nd	6.50 2nd	.647 2nd	25.3	2.17	.04	337	
1115	1.5 3rd	6.61 3rd	.647 3rd	25.0	2.10	.04	281	
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 22 05	6.61	.647	25.0	2.10	.04		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/22/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R01/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 49 16 G (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC240344-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 23 05	08 30	1 45		20	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: —

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 900 55 (ft/msl)

Depth to Water (DTW) (from TOC): 252 00 (ft)

Groundwater Elevation (site datum, from TOC): 648 55 (ft/msl)

Total Well Depth (from TOC): 363 00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 4 0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:00	1.0 1st	6.78 1st	.675	22.7	5.04	0.83	421	
09:15	2.0 2nd	6.91 2nd	.674	23.3	1.48	0.92	421	
	3rd	3rd						
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 23 05	6.91	.674	23.3	1.48	0.92	421	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03 23 05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4916H (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only Lab ID: DSC220179-003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
032105	0930	50		120	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: E

Sampling Device: E

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or N (0.45 µ) or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 86023 (ft/msl)

Depth to Water (DTW) (from TOC): 23020 (ft)

Groundwater Elevation (site datum, from TOC): (ft/msl)

Total Well Depth (from TOC): (ft)

Stick Up (from ground elevation): (ft)

Casing ID: (in)

Casing Material:

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0955	4.0 1st	7.49 1st	.001	20.8	4.27	3.51	398	
1002	8.0 2nd	7.56 2nd	.621	19.6	3.70	3.80	392	
1010	12.0 3rd	7.51 3rd	.943	19.4	3.26	3.19	388	
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
032105	751	.943	19.4	3.26	3.19	388	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/21/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM-R 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 49 16J (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only: Lab ID: DSC190131-03

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 18 05	1000	2:00		20	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other:

Filter Type: A — A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: A — A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:

WELL DATA

Well Elevation (at TOC): 867.13 (ft/msl)

Depth to Water (DTW) (from TOC): 260.25 (ft)

Groundwater Elevation (site datum, from TOC): 606.88 (ft/msl)

Total Well Depth (from TOC): 310.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Vol (gal)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:30	0.5 1st	8.12 1st	584 1st	19.1	0.96	8.0	381	
10:35	1.0 2nd	6.96 2nd	826 2nd	18.7	0.75	6.9	392	
10:42	1.5 3rd	6.92 3rd	885 3rd	18.2	0.82	4.7	396	
10:50	2.0 4th	6.84 4th	890 4th	18.6	0.85	4.0	398	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
03 18 05	6.84	890	18.6	0.85	4.0	398	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/18/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM R. 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 49160L (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSL170217 001

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031605	1300	1:30		40	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
86090 (ft/msl)	21987 (ft)	641103 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
26600 (ft)	(ft)	4.0 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1325	1.0 1st	7.67 1st	.676	20.5	4.43	3.76	359	
1332	2.0 2nd	7.68 2nd	.675	20.0	1.82	3.20	360	
1344	3.0 3rd	7.68 3rd	.621	19.5	1.25	3.10	360	
1351	4.0 4th	7.68 4th	.531	19.4	1.29	3.07	360	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
031605							

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/16/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 4926C (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC230191-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
032205	0800	200		20	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N — (0.45 µ) or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 901.21 (ft/msl)

Depth to Water (DTW) (from TOC): 249.10 (ft)

Groundwater Elevation (site datum, from TOC): 652.11 (ft/msl)

Total Well Depth (from TOC): 280.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.5 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:30	0.5 1st	6.65 1st	.925 1st	22.6	4.61	2.0	265	
09:00	1.0 2nd	6.98 2nd	.759 2nd	24.6	2.94	3.2	208	
09:15	1.5 3rd	7.14 3rd	.775 3rd	24.2	2.30	0.5	235	
09:30	2.0 4th	7.14 4th	.776 4th	24.1	2.30	0.6	244	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
032205	7.14	.776	24.1	2.3	0.60	244	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03.22.05	MARCO QUEN	Marco Quen	SCS ENGINEERS
__/__/__			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

APPENDIX C

Monitoring Well Inspection Forms

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4915A

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? YES NO NA
2. Are the wells in hard to find areas adequately flagged? YES NO NA
3. Is the well elevation information correct? YES NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES NO
3. Is the ID of the well located inside of the casing? YES NO
4. Is the ID of the well on the outside of the casing? YES NO
5. Does the casing have protective posts? YES NO
6. Is the well in or near a low point? YES NO
7. Does the area around the well appear clean? YES NO
8. Is the casing secure? YES NO
9. Surface free of cracks, erosion or pounding? YES NO
10. Is the well locked to prevent unauthorized access? YES NO
11. Is the cap void of large gaps, which would breach security? YES NO
12. Top cap rust free? YES NO

COMMENTS: PISTON PUMP

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 49 15 B

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? (YES) NO
6. Is the well in or near a low point? YES (NO)
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? (YES) NO
10. Is the well locked to prevent unauthorized access? (YES) NO
11. Is the cap void of large gaps, which would breach security? (YES) NO
12. Top cap rust free? (YES) NO

COMMENTS: QED PUMP

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4915C

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location	(circle one)		
1. Is the well located appropriately shown on the facility Permit and/or design drawing?	YES	NO	NA
2. Are the wells in hard to find areas adequately flagged?	YES	NO	NA
3. Is the well elevation information correct?	YES	NO	NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?

2. Is there any physical damage to the well or casing?	YES	NO
3. Is the ID of the well located inside of the casing?	YES	NO
4. Is the ID of the well on the outside of the casing?	YES	NO
5. Does the casing have protective posts?	YES	NO
6. Is the well in or near a low point?	YES	NO
7. Does the area around the well appear clean?	YES	NO
8. Is the casing secure?	YES	NO
9. Surface free of cracks, erosion or pounding?	YES	NO
10. Is the well locked to prevent unauthorized access?	YES	NO
11. Is the cap void of large gaps, which would breach security?	YES	NO
12. Top cap rust free?	YES	NO

COMMENTS: PISTON PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4915 D

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location	(circle one)		
1. Is the well located appropriately shown on the facility Permit and/or design drawing?	YES	NO	NA
2. Are the wells in hard to find areas adequately flagged?	YES	NO	NA
3. Is the well elevation information correct?	YES	NO	NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?

2. Is there any physical damage to the well or casing?	YES	NO
3. Is the ID of the well located inside of the casing?	YES	NO
4. Is the ID of the well on the outside of the casing?	YES	NO
5. Does the casing have protective posts?	YES	NO
6. Is the well in or near a low point?	YES	NO
7. Does the area around the well appear clean?	YES	NO
8. Is the casing secure?	YES	NO
9. Surface free of cracks, erosion or pounding?	YES	NO
10. Is the well locked to prevent unauthorized access?	YES	NO
11. Is the cap void of large gaps, which would breach security?	YES	NO
12. Top cap rust free?	YES	NO

COMMENTS: QED Pump.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4915 E

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? (YES) NO
6. Is the well in or near a low point? YES (NO)
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? (YES) NO
10. Is the well locked to prevent unauthorized access? (YES) NO
11. Is the cap void of large gaps, which would breach security? (YES) NO
12. Top cap rust free? (YES) NO

COMMENTS: PISTON PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4915 M

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location	(circle one)		
1. Is the well located appropriately shown on the facility Permit and/or design drawing?	YES	NO	NA
2. Are the wells in hard to find areas adequately flagged?	YES	NO	NA
3. Is the well elevation information correct?	YES	NO	NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?

2. Is there any physical damage to the well or casing?	YES	NO
3. Is the ID of the well located inside of the casing?	YES	NO
4. Is the ID of the well on the outside of the casing?	YES	NO
5. Does the casing have protective posts?	YES	NO
6. Is the well in or near a low point?	YES	NO
7. Does the area around the well appear clean?	YES	NO
8. Is the casing secure?	YES	NO
9. Surface free of cracks, erosion or pounding?	YES	NO
10. Is the well locked to prevent unauthorized access?	YES	NO
11. Is the cap void of large gaps, which would breach security?	YES	NO
12. Top cap rust free?	YES	NO

COMMENTS: QED PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4916 C

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☐ Aboveground ☒ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? YES NO (N/A)
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? YES (NO)
6. Is the well in or near a low point? (YES) NO
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? YES (NO)
10. Is the well locked to prevent unauthorized access? YES NO (N/A)
11. Is the cap void of large gaps, which would breach security? YES NO (N/A)
12. Top cap rust free? YES (NO)

COMMENTS: ELECTRICAL PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4916 D

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location	(circle one)		
1. Is the well located appropriately shown on the facility Permit and/or design drawing?	(YES)	NO	NA
2. Are the wells in hard to find areas adequately flagged?	(YES)	NO	NA
3. Is the well elevation information correct?	(YES)	NO	NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?

2. Is there any physical damage to the well or casing?	YES	(NO)	
3. Is the ID of the well located inside of the casing?	YES	NO	(N/A)
4. Is the ID of the well on the outside of the casing?	(YES)	NO	
5. Does the casing have protective posts?	(YES)	NO	
6. Is the well in or near a low point?	YES	(NO)	
7. Does the area around the well appear clean?	(YES)	NO	
8. Is the casing secure?	(YES)	NO	
9. Surface free of cracks, erosion or pounding?	(YES)	NO	
10. Is the well locked to prevent unauthorized access?	(YES)	NO	
11. Is the cap void of large gaps, which would breach security?	(YES)	NO	
12. Top cap rust free?	YES	(NO)	

COMMENTS: ELECTRICAL PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4916 F

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? (YES) NO
6. Is the well in or near a low point? YES (NO)
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? (YES) NO
10. Is the well locked to prevent unauthorized access? (YES) NO
11. Is the cap void of large gaps, which would breach security? (YES) NO
12. Top cap rust free? (YES) NO

COMMENTS: PISTON PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4916 G

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? (YES) NO
6. Is the well in or near a low point? YES (NO)
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? (YES) ~~NO~~
10. Is the well locked to prevent unauthorized access? (YES) NO
11. Is the cap void of large gaps, which would breach security? (YES) NO
12. Top cap rust free? (YES) NO

COMMENTS: QED PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4916 H

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? (YES) NO
6. Is the well in or near a low point? YES (NO)
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? (YES) NO
10. Is the well locked to prevent unauthorized access? (YES) NO
11. Is the cap void of large gaps, which would breach security? (YES) NO
12. Top cap rust free? (YES) NO

COMMENTS: PISTON PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4916 J

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? (YES) NO
6. Is the well in or near a low point? YES (NO)
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? (YES) NO
10. Is the well locked to prevent unauthorized access? (YES) NO
11. Is the cap void of large gaps, which would breach security? (YES) NO
12. Top cap rust free? (YES) NO

COMMENTS: QED PUMP.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: 4916 L

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? YES (NO) NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? (YES) NO
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? YES (NO)
6. Is the well in or near a low point? (YES) NO
7. Does the area around the well appear clean? YES (NO)
8. Is the casing secure? YES (NO)
9. Surface free of cracks, erosion or pounding? (YES) (NO)
10. Is the well locked to prevent unauthorized access? YES (NO)
11. Is the cap void of large gaps, which would breach security? YES (NO)
12. Top cap rust free? (YES) NO

COMMENTS: QED PUMP.

SINK HOLE AROUND CASING MONUMENT.

BRADLEY LANDFILL
MONITORING WELL INSPECTION FORM SURVEY

Groundwater Well ID: A926 C

Permit Well ID: _____

Evaluator: E. MARTINEZ

Evaluation Date: 3/3/05

Location (circle one)

1. Is the well located appropriately shown on the facility Permit and/or design drawing? (YES) NO NA
2. Are the wells in hard to find areas adequately flagged? (YES) NO NA
3. Is the well elevation information correct? (YES) NO NA

WELL CHARACTERISTICS & INTEGRITY

1. Is the well ☒ Aboveground ☐ Flush with the surface?
2. Is there any physical damage to the well or casing? YES (NO)
3. Is the ID of the well located inside of the casing? (YES) NO
4. Is the ID of the well on the outside of the casing? (YES) NO
5. Does the casing have protective posts? (YES) NO
6. Is the well in or near a low point? YES (NO)
7. Does the area around the well appear clean? (YES) NO
8. Is the casing secure? (YES) NO
9. Surface free of cracks, erosion or pounding? (YES) NO
10. Is the well locked to prevent unauthorized access? (YES) NO
11. Is the cap void of large gaps, which would breach security? (YES) NO
12. Top cap rust free? (YES) NO

COMMENTS: QED pump.

APPENDIX D

Groundwater Analytical Laboratory Reports and Chain of Custody Records

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C160237
Groundwater

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

March 30, 2005

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	96

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for four samples received at STL's Denver laboratory on March 16, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C160237

Sample Receiving

- The cooler temperatures upon receipt at the Denver laboratory were 3.1°C, 5.7°C, and 3.6°C.
- All sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Method Blanks

- Total Silver Method 6010B and Chloride Method 300.0A were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.
- All other Method Blanks were within established control limits.

Laboratory Control Samples

- All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- The Matrix Spike and Matrix Spike Duplicate performed on unrelated samples exhibited MS and/or MSD recoveries outside control limits for Total Mercury Method 7470A and Fluoride Method 300.0A. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

- The percent recoveries of the MS/MSD and/or the relative percent difference were not calculated for Total Manganese during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

- Due to the result concentration exceeding the calibration range the MS/MSD results for Chloride and Sulfate Method 300.0A are estimated.

- All other MS and MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D5C160237

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4915A 03/15/05 08:30 002				
Calcium - DISSOLVED	48000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	14000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	29000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	4000 B	5000	ug/L	SW846 6010B
Iron - DISSOLVED	93 B	100	ug/L	SW846 6010B
Silver	1.9 B,J	10	ug/L	SW846 6010B
Manganese	59	10	ug/L	SW846 6010B
Barium	81 B	100	ug/L	SW846 6010B
Potassium	3800 B	5000	ug/L	SW846 6010B
Chromium	36	10	ug/L	SW846 6010B
Nickel	18 B	40	ug/L	SW846 6010B
Boron	180	100	ug/L	SW846 6010B
Specific Conductance	500	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	300	10	mg/L	MCAWW 160.1
Chloride	23 J	3.0	mg/L	MCAWW 300.0A
Sulfate	47 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.68 B	1.0	mg/L	MCAWW 300.0A
Nitrate	0.96	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	1.3	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.4	1.0	mg/L	MCAWW 415.1
Cyanide, Total	0.0034 B	0.010	mg/L	SW846 9012A
Bicarbonate, as CaCO3	160	5.0	mg/L	MCAWW 310.1
Total Alkalinity	160	5.0	mg/L	MCAWW 310.1
4915E 03/15/05 10:30 003				
Calcium - DISSOLVED	59000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	16000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	31000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	4100 B	5000	ug/L	SW846 6010B
Iron - DISSOLVED	39 B	100	ug/L	SW846 6010B
Silver	1.9 B,J	10	ug/L	SW846 6010B
Selenium	4.0 B	5.0	ug/L	SW846 6010B
Manganese	3.3 B	10	ug/L	SW846 6010B
Barium	86 B	100	ug/L	SW846 6010B
Potassium	3900 B	5000	ug/L	SW846 6010B
Chromium	21	10	ug/L	SW846 6010B
Nickel	12 B	40	ug/L	SW846 6010B
Zinc	17 B	20	ug/L	SW846 6010B
Boron	150	100	ug/L	SW846 6010B
Specific Conductance	540	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	320	10	mg/L	MCAWW 160.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C160237

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4915E 03/15/05 10:30 003				
Chloride	20 J	3.0	mg/L	MCAWW 300.0A
Sulfate	46	5.0	mg/L	MCAWW 300.0A
Fluoride	0.64 B	1.0	mg/L	MCAWW 300.0A
Nitrate	1.2	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	1.5	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.4	1.0	mg/L	MCAWW 415.1
Bicarbonate, as CaCO3	200	5.0	mg/L	MCAWW 310.1
Total Alkalinity	200	5.0	mg/L	MCAWW 310.1
4915C 03/15/05 13:30 004				
Calcium - DISSOLVED	59000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	16000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	34000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	4400 B	5000	ug/L	SW846 6010B
Iron - DISSOLVED	55 B	100	ug/L	SW846 6010B
Silver	2.2 B,J	10	ug/L	SW846 6010B
Barium	84 B	100	ug/L	SW846 6010B
Potassium	4500 B	5000	ug/L	SW846 6010B
Nickel	2.9 B	40	ug/L	SW846 6010B
Boron	210	100	ug/L	SW846 6010B
Specific Conductance	560	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	320	10	mg/L	MCAWW 160.1
Chloride	23 J	3.0	mg/L	MCAWW 300.0A
Sulfate	45 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.72 B	1.0	mg/L	MCAWW 300.0A
Nitrate	1.0	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	1.3	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.3	1.0	mg/L	MCAWW 415.1
Bicarbonate, as CaCO3	200	5.0	mg/L	MCAWW 310.1
Total Alkalinity	200	5.0	mg/L	MCAWW 310.1

PREPARATION METHODS SUMMARY

D5C160237

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	SW846 9012A	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Nitrate	MCAWW 300.0A	MCAWW 300.0A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfides, Total	SW846 9030B/903	SW846 9030B/903
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C160237

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate as N	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C160237

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Maria Fayard	002596
MCAWW 160.1	David Kendall	002164
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Maria Fayard	002596
MCAWW 405.1	Fougere M. Danielle	006481
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Dave Elkin	000901
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Greg Meier	006004
SW846 8270C	Mike G. Hoffman	001880
SW846 9012A	Ewa Kudla	001167
SW846 9020B	Dave Elkin	000901
SW846 9030B/9034	Duane Allee	001470

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C160237

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G6CJ0	001	TRIP BLANK	03/15/05	08:00
G6CJ3	002	4915A	03/15/05	08:30
G6CXM	003	4915E	03/15/05	10:30
G6CXP	004	4915C	03/15/05	13:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C160237-001 **Work Order #...:** G6CJ01AA **Matrix.....:** WATER
Date Sampled...: 03/15/05 08:00 **Date Received..:** 03/16/05
Prep Date.....: 03/22/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5082526 **Analysis Time..:** 05:28
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C160237-001 **Work Order #...:** G6CJ01AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 118)
1,2-Dichloroethane-d4	89	(62 - 128)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	99	(77 - 117)

Waste Management, Inc.

Client Sample ID: 4915A

GC/MS Volatiles

Lot-Sample #...: D5C160237-002 **Work Order #...:** G6CJ31AT **Matrix.....:** WATER
Date Sampled...: 03/15/05 08:30 **Date Received..:** 03/16/05
Prep Date.....: 03/22/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5082526 **Analysis Time..:** 05:51
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4915A

GC/MS Volatiles

Lot-Sample #...: D5C160237-002 **Work Order #...:** G6CJ31AT **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 118)
1,2-Dichloroethane-d4	92	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	101	(77 - 117)

Waste Management, Inc.

Client Sample ID: 4915E

GC/MS Volatiles

Lot-Sample #...: D5C160237-003 **Work Order #...:** G6CXM1A5 **Matrix.....:** WATER
Date Sampled...: 03/15/05 10:30 **Date Received..:** 03/16/05
Prep Date.....: 03/22/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5082526 **Analysis Time..:** 06:15
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4915E

GC/MS Volatiles

Lot-Sample #...: D5C160237-003 **Work Order #...:** G6CXM1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 118)
1,2-Dichloroethane-d4	91	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	101	(77 - 117)

Waste Management, Inc.

Client Sample ID: 4915C

GC/MS Volatiles

Lot-Sample #...: D5C160237-004 **Work Order #...:** G6CXP1A5 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:30 **Date Received..:** 03/16/05
Prep Date.....: 03/22/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5082526 **Analysis Time..:** 06:38
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4915C

GC/MS Volatiles

Lot-Sample #...: D5C160237-004 **Work Order #...:** G6CXP1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 118)
1,2-Dichloroethane-d4	91	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	103	(77 - 117)

Waste Management, Inc.

Client Sample ID: 4915A

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-002 Work Order #...: G6CJ31A5 Matrix.....: WATER
Date Sampled...: 03/15/05 08:30 Date Received..: 03/16/05
Prep Date.....: 03/21/05 Analysis Date..: 03/25/05
Prep Batch #...: 5080371 Analysis Time..: 20:37
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4915A

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-002 Work Order #...: G6CJ31A5 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopentadiene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4915A

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-002 Work Order #...: G6CJ31A5 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915A

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-002 **Work Order #...:** G6CJ31A5 **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(33 - 106)
Phenol-d5	83	(40 - 105)
Nitrobenzene-d5	80	(48 - 108)
2-Fluorobiphenyl	79	(39 - 93)
2,4,6-Tribromophenol	76	(31 - 122)
Terphenyl-d14	103	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4915E

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-003 **Work Order #...:** G6CXM1AG **Matrix.....:** WATER
Date Sampled...: 03/15/05 10:30 **Date Received..:** 03/16/05
Prep Date.....: 03/21/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5080371 **Analysis Time..:** 20:59
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915E

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-003 Work Order #...: G6CXM1AG Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4915E

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-003 Work Order #...: G6CXM1AG Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915E

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-003 **Work Order #...:** G6CXM1AG **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(33 - 106)
Phenol-d5	80	(40 - 105)
Nitrobenzene-d5	78	(48 - 108)
2-Fluorobiphenyl	78	(39 - 93)
2,4,6-Tribromophenol	76	(31 - 122)
Terphenyl-d14	99	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4915C

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-004 **Work Order #...:** G6CXP1AG **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:30 **Date Received..:** 03/16/05
Prep Date.....: 03/21/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5080371 **Analysis Time..:** 21:22
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915C

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-004 **Work Order #...:** G6CXP1AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4915C

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-004 **Work Order #...:** G6CXP1AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915C

GC/MS Semivolatiles

Lot-Sample #...: D5C160237-004 Work Order #...: G6CXP1AG Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(33 - 106)
Phenol-d5	79	(40 - 105)
Nitrobenzene-d5	77	(48 - 108)
2-Fluorobiphenyl	70	(39 - 93)
2,4,6-Tribromophenol	73	(31 - 122)
Terphenyl-d14	95	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4915A

TOTAL Metals

Lot-Sample #...: D5C160237-002 **Matrix.....:** WATER
Date Sampled...: 03/15/05 08:30 **Date Received..:** 03/16/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5075727						
Manganese	**59**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CJ31AH**
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 1.9	
Barium	**81 B**	**100**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CJ31AJ**
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 2.1	
Potassium	**3800 B**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/05**	**G6CJ31AR**
		Dilution Factor: 1		Analysis Time..: 01:44	MDL.....: 250	
Silver	**1.9 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CJ31A8**
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/17/05	G6CJ31A9
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/17/05	G6CJ31CA
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/17/05	G6CJ31CC
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 0.91	
Chromium	**36**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CJ31CD**
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/17/05	G6CJ31CE
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 1.6	
Nickel	**18 B**	**40**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CJ31CF**
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/17/05	G6CJ31CG
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/17/05	G6CJ31CH
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/17/05	G6CJ31CJ
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4915A

TOTAL Metals

Lot-Sample #...: D5C160237-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/17/05	G6CJ31CK
		Dilution Factor: 1		Analysis Time..: 20:18	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/05	G6CJ31CM
		Dilution Factor: 1		Analysis Time..: 01:44	MDL.....: 0.83	
Boron	**180**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/05**	**G6CJ31CN**
		Dilution Factor: 1		Analysis Time..: 01:44	MDL.....: 13	

Prep Batch #...: 5081128

Mercury	ND	0.20	ug/L	SW846 7470A	03/22/05	G6CJ31CL
		Dilution Factor: 1		Analysis Time..: 17:54	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915A

DISSOLVED Metals

Lot-Sample #...: D5C160237-002 **Matrix.....:** WATER
Date Sampled...: 03/15/05 08:30 **Date Received..:** 03/16/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5075723						
Calcium	**48000**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CJ31AU**
		Dilution Factor: 1		Analysis Time..: 04:58	MDL.....: 96	
Magnesium	**14000**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CJ31AV**
		Dilution Factor: 1		Analysis Time..: 04:58	MDL.....: 17	
Sodium	**29000**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CJ31AW**
		Dilution Factor: 1		Analysis Time..: 04:58	MDL.....: 1400	
Potassium	**4000 B**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CJ31AX**
		Dilution Factor: 1		Analysis Time..: 04:58	MDL.....: 250	
Iron	**93 B**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CJ31A2**
		Dilution Factor: 1		Analysis Time..: 04:58	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915E

TOTAL Metals

Lot-Sample #...: D5C160237-003 **Matrix.....:** WATER
Date Sampled...: 03/15/05 10:30 **Date Received..:** 03/16/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5075727						
Manganese	**3.3 B**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXM1AU**
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 1.9	
Barium	**86 B**	**100**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXM1AV**
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 2.1	
Potassium	**3900 B**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/05**	**G6CXM1A4**
		Dilution Factor: 1		Analysis Time..: 01:49	MDL.....: 250	
Silver	**1.9 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXM1AK**
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/17/05	G6CXM1AL
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/17/05	G6CXM1CA
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/17/05	G6CXM1CC
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 0.91	
Chromium	**21**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXM1CD**
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/17/05	G6CXM1CE
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 1.6	
Nickel	**12 B**	**40**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXM1CF**
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/17/05	G6CXM1CG
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/17/05	G6CXM1CH
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 3.2	
Selenium	**4.0 B**	**5.0**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXM1CJ**
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4915E

TOTAL Metals

Lot-Sample #...: D5C160237-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	**17 B**	**20**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXM1CK**
		Dilution Factor: 1		Analysis Time..: 20:23	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/05	G6CXM1CM
		Dilution Factor: 1		Analysis Time..: 01:49	MDL.....: 0.83	
Boron	**150**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/05**	**G6CXM1CN**
		Dilution Factor: 1		Analysis Time..: 01:49	MDL.....: 13	

Prep Batch #...: 5081128

Mercury	ND	0.20	ug/L	SW846 7470A	03/22/05	G6CXM1CL
		Dilution Factor: 1		Analysis Time..: 17:56	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915E

DISSOLVED Metals

Lot-Sample #...: D5C160237-003 Matrix.....: WATER
Date Sampled...: 03/15/05 10:30 Date Received..: 03/16/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5075723						
Calcium	59000	200	ug/L	SW846 6010B	03/18-03/19/05	G6CXM1A6
		Dilution Factor: 1		Analysis Time..: 05:29	MDL.....: 96	
Magnesium	16000	200	ug/L	SW846 6010B	03/18-03/19/05	G6CXM1A7
		Dilution Factor: 1		Analysis Time..: 05:29	MDL.....: 17	
Sodium	31000	5000	ug/L	SW846 6010B	03/18-03/19/05	G6CXM1A8
		Dilution Factor: 1		Analysis Time..: 05:29	MDL.....: 1400	
Potassium	4100 B	5000	ug/L	SW846 6010B	03/18-03/19/05	G6CXM1A9
		Dilution Factor: 1		Analysis Time..: 05:29	MDL.....: 250	
Iron	39 B	100	ug/L	SW846 6010B	03/18-03/19/05	G6CXM1AD
		Dilution Factor: 1		Analysis Time..: 05:29	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915C

TOTAL Metals

Lot-Sample #...: D5C160237-004 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:30 **Date Received..:** 03/16/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5075727						
Manganese	ND	10	ug/L	SW846 6010B	03/17/05	G6CXP1AU
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 1.9	
Barium	**84 B**	**100**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXP1AV**
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 2.1	
Potassium	**4500 B**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/05**	**G6CXP1A4**
		Dilution Factor: 1		Analysis Time..: 01:55	MDL.....: 250	
Silver	**2.2 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXP1AK**
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/17/05	G6CXP1AL
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/17/05	G6CXP1CA
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/17/05	G6CXP1CC
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/17/05	G6CXP1CD
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/17/05	G6CXP1CE
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 1.6	
Nickel	**2.9 B**	**40**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6CXP1CF**
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/17/05	G6CXP1CG
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/17/05	G6CXP1CH
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/17/05	G6CXP1CJ
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4915C

TOTAL Metals

Lot-Sample #...: D5C160237-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/17/05	G6CXP1CK
		Dilution Factor: 1		Analysis Time..: 20:28	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/05	G6CXP1CM
		Dilution Factor: 1		Analysis Time..: 01:55	MDL.....: 0.83	
Boron	**210**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/05**	**G6CXP1CN**
		Dilution Factor: 1		Analysis Time..: 01:55	MDL.....: 13	

Prep Batch #...: 5081128

Mercury	ND	0.20	ug/L	SW846 7470A	03/22/05	G6CXP1CL
		Dilution Factor: 1		Analysis Time..: 17:58	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915C

DISSOLVED Metals

Lot-Sample #...: D5C160237-004 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:30 **Date Received..:** 03/16/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5075723						
Calcium	**59000**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CXP1A6**
		Dilution Factor: 1		Analysis Time..: 05:34	MDL.....: 96	
Magnesium	**16000**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CXP1A7**
		Dilution Factor: 1		Analysis Time..: 05:34	MDL.....: 17	
Sodium	**34000**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CXP1A8**
		Dilution Factor: 1		Analysis Time..: 05:34	MDL.....: 1400	
Potassium	**4400 B**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CXP1A9**
		Dilution Factor: 1		Analysis Time..: 05:34	MDL.....: 250	
Iron	**55 B**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/19/05**	**G6CXP1AD**
		Dilution Factor: 1		Analysis Time..: 05:34	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915A

General Chemistry

Lot-Sample #...: D5C160237-002 **Work Order #...:** G6CJ3 **Matrix.....:** WATER
Date Sampled...: 03/15/05 08:30 **Date Received..:** 03/16/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**160**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/17/05**	**5077177**
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1		Analysis Time..: 08:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/17/05	5077178
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	ND	8.0	mg/L	MCAWW 410.4	03/25/05	5084349
		Dilution Factor: 1		Analysis Time..: 10:15	MDL.....: 4.0	
Chloride	**23 J**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076300**
		Dilution Factor: 1		Analysis Time..: 04:05	MDL.....: 0.10	
Cyanide, Total	**0.0034 B**	**0.010**	**mg/L**	**SW846 9012A**	**03/22/05**	**5081557**
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 0.0028	
Fluoride	**0.68 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/05**	**5080534**
		Dilution Factor: 1		Analysis Time..: 20:14	MDL.....: 0.10	
Nitrate	**0.96**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076301**
		Dilution Factor: 1		Analysis Time..: 04:05	MDL.....: 0.020	
Specific Conductance	**500**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/18/05**	**5077443**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....:	
Sulfate	**47 Q**	**25**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076302**
		Dilution Factor: 5		Analysis Time..: 04:20	MDL.....: 0.50	
Total Alkalinity	**160**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/17/05**	**5077176**
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Total Dissolved Solids	**300**	**10**	**mg/L**	**MCAWW 160.1**	**03/22/05**	**5081594**
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 3.6	
Total Organic Carbon	**1.3**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/21/05**	**5081149**
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	

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Waste Management, Inc.

Client Sample ID: 4915A

General Chemistry

Lot-Sample #...: D5C160237-002 **Work Order #...:** G6CJ3 **Matrix.....:** WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon 2	**1.4**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/21/05**	**5081149**
	Dilution Factor: 1			Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Halogens	ND	30	ug/L	SW846 9020B	03/21/05	5081140
	Dilution Factor: 1			Analysis Time..: 14:00	MDL.....: 7.7	
Total Organic Halogens 2	ND	30	ug/L	SW846 9020B	03/21/05	5081140
	Dilution Factor: 1			Analysis Time..: 14:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/18/05	5077384
	Dilution Factor: 1			Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Waste Management, Inc.

Client Sample ID: 4915E

General Chemistry

Lot-Sample #...: D5C160237-003 **Work Order #...:** G6CXM **Matrix.....:** WATER
Date Sampled...: 03/15/05 10:30 **Date Received..:** 03/16/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**200**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/17/05**	**5077177**
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1		Analysis Time..: 08:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/17/05	5077178
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	ND	8.0	mg/L	MCAWW 410.4	03/25/05	5084349
		Dilution Factor: 1		Analysis Time..: 10:15	MDL.....: 4.0	
Chloride	**20 J**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076300**
		Dilution Factor: 1		Analysis Time..: 04:35	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.64 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/05**	**5080534**
		Dilution Factor: 1		Analysis Time..: 20:30	MDL.....: 0.10	
Nitrate	**1.2**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076301**
		Dilution Factor: 1		Analysis Time..: 04:35	MDL.....: 0.020	
Specific Conductance	**540**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/18/05**	**5077443**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....:	
Sulfate	**46**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076302**
		Dilution Factor: 1		Analysis Time..: 04:35	MDL.....: 0.10	
Total Alkalinity	**200**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/17/05**	**5077176**
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Total Dissolved Solids	**320**	**10**	**mg/L**	**MCAWW 160.1**	**03/22/05**	**5081594**
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: 4915E

General Chemistry

Lot-Sample #...: D5C160237-003 **Work Order #...:** G6CXM **Matrix.....:** WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**1.5**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/21/05**	**5081149**
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Carbon 2	**1.4**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/21/05**	**5081149**
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Halogens	ND	30	ug/L	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 7.7	
Total Organic Halogens 2	ND	30	ug/L	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/18/05	5077384
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915C

General Chemistry

Lot-Sample #...: D5C160237-004 Work Order #...: G6CXP Matrix.....: WATER
Date Sampled...: 03/15/05 13:30 Date Received..: 03/16/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**200**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/17/05**	**5077177**
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1		Analysis Time..: 08:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/17/05	5077178
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	ND	8.0	mg/L	MCAWW 410.4	03/25/05	5084349
		Dilution Factor: 1		Analysis Time..: 10:15	MDL.....: 4.0	
Chloride	**23 J**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076300**
		Dilution Factor: 1		Analysis Time..: 05:05	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.72 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/05**	**5080534**
		Dilution Factor: 1		Analysis Time..: 21:20	MDL.....: 0.10	
Nitrate	**1.0**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076301**
		Dilution Factor: 1		Analysis Time..: 05:05	MDL.....: 0.020	
Specific Conductance	**560**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/18/05**	**5077443**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....:	
Sulfate	**45 Q**	**25**	**mg/L**	**MCAWW 300.0A**	**03/16-03/17/05**	**5076302**
		Dilution Factor: 5		Analysis Time..: 05:21	MDL.....: 0.50	
Total Alkalinity	**200**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/17/05**	**5077176**
		Dilution Factor: 1		Analysis Time..: 10:42	MDL.....: 0.85	
Total Dissolved Solids	**320**	**10**	**mg/L**	**MCAWW 160.1**	**03/22/05**	**5081594**
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: 4915C

General Chemistry

Lot-Sample #...: D5C160237-004 Work Order #...: G6CXP Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**1.3**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/21/05**	**5081149**
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Carbon 2	**1.3**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/21/05**	**5081149**
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Halogens	ND	30	ug/L	SW846 9020B	03/18/05	5080210
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 7.7	
Total Organic Halogens 2	ND	30	ug/L	SW846 9020B	03/18/05	5080210
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/18/05	5077384
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

QC DATA ASSOCIATION SUMMARY

D5C160237

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		5082526	5082300
002	WATER	MCAWW 120.1		5077443	5080306
	WATER	MCAWW 160.1		5081594	5086013
	WATER	MCAWW 310.1		5077178	
	WATER	MCAWW 405.1		5076382	5081278
	WATER	MCAWW 300.0A		5076300	5081344
	WATER	MCAWW 300.0A		5076302	5081358
	WATER	MCAWW 300.0A		5080534	5081283
	WATER	MCAWW 300.0A		5076301	5081354
	WATER	MCAWW 415.1		5081149	5081096
	WATER	SW846 9020B		5081140	5081086
	WATER	SW846 7470A		5081128	5081089
	WATER	SW846 8260B		5082526	5082300
	WATER	SW846 8270C		5080371	
	WATER	SW846 6010B		5075727	5075386
	WATER	SW846 6010B		5075723	5075381
	WATER	SW846 9012A		5081557	5081332
	WATER	SW846 9030B/9034		5077384	
	WATER	MCAWW 310.1		5077177	
	WATER	MCAWW 310.1		5077176	5077180
	WATER	MCAWW 410.4		5084349	5084234
003	WATER	MCAWW 120.1		5077443	5080306
	WATER	MCAWW 160.1		5081594	5086013
	WATER	MCAWW 310.1		5077178	
	WATER	MCAWW 405.1		5076382	5081278
	WATER	MCAWW 300.0A		5076300	5081344
	WATER	MCAWW 300.0A		5076302	5081358
	WATER	MCAWW 300.0A		5080534	5081283
	WATER	MCAWW 300.0A		5076301	5081354
	WATER	MCAWW 415.1		5081149	5081096
	WATER	SW846 9020B		5081140	5081086
	WATER	SW846 7470A		5081128	5081089
	WATER	SW846 8260B		5082526	5082300
	WATER	SW846 8270C		5080371	
	WATER	SW846 6010B		5075727	5075386
	WATER	SW846 6010B		5075723	5075381
	WATER	SW846 9012A		5081557	5081332
	WATER	SW846 9030B/9034		5077384	
	WATER	MCAWW 310.1		5077177	
	WATER	MCAWW 310.1		5077176	5077180
	WATER	MCAWW 410.4		5084349	5084234

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D5C160237

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
004	WATER	MCAWW 120.1		5077443	5080306
	WATER	MCAWW 160.1		5081594	5086013
	WATER	MCAWW 310.1		5077178	
	WATER	MCAWW 405.1		5076382	5081278
	WATER	MCAWW 300.0A		5076300	5081344
	WATER	MCAWW 300.0A		5076302	5081358
	WATER	MCAWW 300.0A		5080534	5081283
	WATER	MCAWW 300.0A		5076301	5081354
	WATER	MCAWW 415.1		5081149	5081096
	WATER	SW846 9020B		5080210	5080126
	WATER	SW846 7470A		5081128	5081089
	WATER	SW846 8260B		5082526	5082300
	WATER	SW846 8270C		5080371	
	WATER	SW846 6010B		5075727	5075386
	WATER	SW846 6010B		5075723	5075381
	WATER	SW846 9012A		5081557	5081332
	WATER	SW846 9030B/9034		5077384	
	WATER	MCAWW 310.1		5077177	
	WATER	MCAWW 310.1		5077176	5077180
	WATER	MCAWW 410.4		5084349	5084234

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C160237 **Work Order #...:** G6WCF1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C230000-526

Prep Date.....: 03/22/05 **Analysis Time..:** 22:46

Analysis Date..: 03/22/05 **Prep Batch #...:** 5082526
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	34	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C160237 **Work Order #...:** G6WCF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 118)
1,2-Dichloroethane-d4	96	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	100	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C160237 **Work Order #...:** G6WCF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C230000-526
Prep Date.....: 03/22/05 **Analysis Date..:** 03/22/05
Prep Batch #...: 5082526 **Analysis Time..:** 22:23
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**121**	**(66 - 132)**	**SW846 8260B**
Benzene	**96**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**94**	**(78 - 118)**	**SW846 8260B**
Toluene	**93**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**100**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
1,2-Dichloroethane-d4	94	(62 - 128)
4-Bromofluorobenzene	97	(78 - 118)
Toluene-d8	103	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C160237 **Work Order #...:** G6WCF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C230000-526
Prep Date.....: 03/22/05 **Analysis Date..:** 03/22/05
Prep Batch #...: 5082526 **Analysis Time..:** 22:23
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**12.1**	**ug/L**	**121**	**SW846 8260B**
Benzene	**10.0**	**9.59**	**ug/L**	**96**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.44**	**ug/L**	**94**	**SW846 8260B**
Toluene	**10.0**	**9.31**	**ug/L**	**93**	**SW846 8260B**
Trichloroethene	**10.0**	**9.97**	**ug/L**	**100**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
1,2-Dichloroethane-d4	94	(62 - 128)
4-Bromofluorobenzene	97	(78 - 118)
Toluene-d8	103	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C160237 Work Order #...: G6A951EH-MS Matrix.....: WATER
MS Lot-Sample #: D5C160210-001 G6A951EJ-MSD
Date Sampled...: 03/15/05 13:00 Date Received..: 03/16/05
Prep Date.....: 03/22/05 Analysis Date..: 03/22/05
Prep Batch #...: 5082526 Analysis Time..: 23:34
Dilution Factor: 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**125**	**(66 - 132)**			**SW846 8260B**
	121	**(66 - 132)**	**2.8**	**(0-26)**	**SW846 8260B**
Benzene	**99**	**(75 - 120)**			**SW846 8260B**
	96	**(75 - 120)**	**2.2**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**95**	**(78 - 118)**			**SW846 8260B**
	94	**(78 - 118)**	**1.2**	**(0-20)**	**SW846 8260B**
Toluene	**94**	**(78 - 118)**			**SW846 8260B**
	94	**(78 - 118)**	**0.29**	**(0-22)**	**SW846 8260B**
Trichloroethene	**104**	**(79 - 122)**			**SW846 8260B**
	103	**(79 - 122)**	**0.77**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
	106	(73 - 118)
1,2-Dichloroethane-d4	95	(62 - 128)
	93	(62 - 128)
4-Bromofluorobenzene	96	(78 - 118)
	97	(78 - 118)
Toluene-d8	104	(77 - 117)
	103	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C160237 **Work Order #...:** G6A951EH-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C160210-001 G6A951EJ-MSD
Date Sampled...: 03/15/05 13:00 **Date Received..:** 03/16/05
Prep Date.....: 03/22/05 **Analysis Date..:** 03/22/05
Prep Batch #...: 5082526 **Analysis Time..:** 23:34
Dilution Factor: 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**1000**	**1250**	**ug/L**	**125**		**SW846 8260B**
	ND	**1000**	**1210**	**ug/L**	**121**	**2.8**	**SW846 8260B**
Benzene	**ND**	**1000**	**986**	**ug/L**	**99**		**SW846 8260B**
	ND	**1000**	**964**	**ug/L**	**96**	**2.2**	**SW846 8260B**
Chlorobenzene	**ND**	**1000**	**949**	**ug/L**	**95**		**SW846 8260B**
	ND	**1000**	**938**	**ug/L**	**94**	**1.2**	**SW846 8260B**
Toluene	**330**	**1000**	**1270**	**ug/L**	**94**		**SW846 8260B**
	330	**1000**	**1270**	**ug/L**	**94**	**0.29**	**SW846 8260B**
Trichloroethene	**ND**	**1000**	**1040**	**ug/L**	**104**		**SW846 8260B**
	ND	**1000**	**1030**	**ug/L**	**103**	**0.77**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
	106	(73 - 118)
1,2-Dichloroethane-d4	95	(62 - 128)
	93	(62 - 128)
4-Bromofluorobenzene	96	(78 - 118)
	97	(78 - 118)
Toluene-d8	104	(77 - 117)
	103	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C160237 **Work Order #...:** G6NAD1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C210000-371

Prep Date.....: 03/21/05 **Analysis Time..:** 19:51
Analysis Date..: 03/25/05 **Prep Batch #...:** 5080371
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C160237 **Work Order #...:** G6NAD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C160237 Work Order #...: G6NAD1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(33 - 106)
Phenol-d5	81	(40 - 105)
Nitrobenzene-d5	80	(48 - 108)
2-Fluorobiphenyl	77	(39 - 93)
2,4,6-Tribromophenol	76	(31 - 122)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C160237 Work Order #...: G6NAD1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	101	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C160237 Work Order #...: G6NAD1AC Matrix.....: WATER
LCS Lot-Sample#: D5C210000-371
Prep Date.....: 03/21/05 Analysis Date..: 03/25/05
Prep Batch #...: 5080371 Analysis Time..: 20:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**78**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**69**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**83**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**78**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**83**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**74**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**73**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**76**	**(41 - 113)**	**SW846 8270C**
Phenol	**80**	**(57 - 103)**	**SW846 8270C**
Pyrene	**96**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**70**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(55 - 95)
Phenol-d5	81	(58 - 97)
Nitrobenzene-d5	79	(55 - 100)
2-Fluorobiphenyl	76	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	101	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C160237 Work Order #...: G6NAD1AC Matrix.....: WATER
LCS Lot-Sample#: D5C210000-371
Prep Date.....: 03/21/05 Analysis Date..: 03/25/05
Prep Batch #...: 5080371 Analysis Time..: 20:14
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**78.4**	**ug/L**	**78**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**68.6**	**ug/L**	**69**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**125**	**ug/L**	**83**	**SW846 8270C**
2-Chlorophenol	**150**	**116**	**ug/L**	**78**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**82.9**	**ug/L**	**83**	**SW846 8270C**
4-Nitrophenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**72.8**	**ug/L**	**73**	**SW846 8270C**
Pentachlorophenol	**150**	**114**	**ug/L**	**76**	**SW846 8270C**
Phenol	**150**	**120**	**ug/L**	**80**	**SW846 8270C**
Pyrene	**100**	**96.4**	**ug/L**	**96**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**69.8**	**ug/L**	**70**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(55 - 95)
Phenol-d5	81	(58 - 97)
Nitrobenzene-d5	79	(55 - 100)
2-Fluorobiphenyl	76	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	101	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C160000-727 **Prep Batch #...:** 5075727						
Manganese	ND	10	ug/L	SW846 6010B	03/17-03/21/05	G6EC21CR
		Dilution Factor: 1				
		Analysis Time..: 12:28				
Barium	ND	100	ug/L	SW846 6010B	03/17/05	G6EC21AD
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Potassium	ND	5000	ug/L	SW846 6010B	03/17-03/18/05	G6EC21AX
		Dilution Factor: 1				
		Analysis Time..: 01:09				
Silver	**1.5 B**	**10**	**ug/L**	**SW846 6010B**	**03/17/05**	**G6EC21AA**
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Arsenic	ND	10	ug/L	SW846 6010B	03/17/05	G6EC21AC
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/17/05	G6EC21AF
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Cobalt	ND	10	ug/L	SW846 6010B	03/17/05	G6EC21AG
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Chromium	ND	10	ug/L	SW846 6010B	03/17/05	G6EC21AH
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Copper	ND	10	ug/L	SW846 6010B	03/17/05	G6EC21AJ
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Nickel	ND	40	ug/L	SW846 6010B	03/17/05	G6EC21AK
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Lead	ND	3.0	ug/L	SW846 6010B	03/17/05	G6EC21AL
		Dilution Factor: 1				
		Analysis Time..: 19:48				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10	ug/L	SW846 6010B	03/17/05	G6EC21AM
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/21/05	G6EC21AN
		Dilution Factor: 1				
		Analysis Time..: 12:28				
Zinc	ND	20	ug/L	SW846 6010B	03/17/05	G6EC21AT
		Dilution Factor: 1				
		Analysis Time..: 19:48				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/05	G6EC21AE
		Dilution Factor: 1				
		Analysis Time..: 01:09				
Boron	ND	100	ug/L	SW846 6010B	03/17-03/18/05	G6EC21CT
		Dilution Factor: 1				
		Analysis Time..: 01:09				

MB Lot-Sample #: D5C220000-128 **Prep Batch #...:** 5081128

Mercury	ND	0.20	ug/L	SW846 7470A	03/22/05	G6PMQ1AA
		Dilution Factor: 1				
		Analysis Time..: 17:49				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C160000-727 **Prep Batch #...:** 5075727					
Manganese	101	(90 - 110)	SW846 6010B	03/17/05	G6EC21CU
		Dilution Factor: 1	Analysis Time..: 19:53		
Barium	103	(93 - 113)	SW846 6010B	03/17/05	G6EC21A4
		Dilution Factor: 1	Analysis Time..: 19:53		
Potassium	101	(86 - 111)	SW846 6010B	03/17-03/18/05	G6EC21CN
		Dilution Factor: 1	Analysis Time..: 01:14		
Silver	106	(85 - 114)	SW846 6010B	03/17/05	G6EC21A2
		Dilution Factor: 1	Analysis Time..: 19:53		
Arsenic	101	(89 - 109)	SW846 6010B	03/17/05	G6EC21A3
		Dilution Factor: 1	Analysis Time..: 19:53		
Cadmium	102	(89 - 110)	SW846 6010B	03/17/05	G6EC21A6
		Dilution Factor: 1	Analysis Time..: 19:53		
Cobalt	99	(86 - 107)	SW846 6010B	03/17/05	G6EC21A7
		Dilution Factor: 1	Analysis Time..: 19:53		
Chromium	102	(89 - 112)	SW846 6010B	03/17/05	G6EC21A8
		Dilution Factor: 1	Analysis Time..: 19:53		
Copper	97	(86 - 110)	SW846 6010B	03/17/05	G6EC21A9
		Dilution Factor: 1	Analysis Time..: 19:53		
Nickel	101	(90 - 110)	SW846 6010B	03/17/05	G6EC21CA
		Dilution Factor: 1	Analysis Time..: 19:53		
Lead	100	(91 - 111)	SW846 6010B	03/17/05	G6EC21CC
		Dilution Factor: 1	Analysis Time..: 19:53		
Antimony	101	(88 - 108)	SW846 6010B	03/17/05	G6EC21CD
		Dilution Factor: 1	Analysis Time..: 19:53		
Selenium	102	(88 - 110)	SW846 6010B	03/17/05	G6EC21CE
		Dilution Factor: 1	Analysis Time..: 19:53		
Zinc	100	(85 - 110)	SW846 6010B	03/17/05	G6EC21CJ
		Dilution Factor: 1	Analysis Time..: 19:53		

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	98	(88 - 112)	SW846 6010B	03/17-03/18/05	G6EC21A5
		Dilution Factor: 1	Analysis Time..: 01:14		
Boron	100	(89 - 110)	SW846 6010B	03/17-03/18/05	G6EC21CV
		Dilution Factor: 1	Analysis Time..: 01:14		

LCS Lot-Sample#: D5C220000-128 **Prep Batch #...:** 5081128

Mercury	95	(85 - 114)	SW846 7470A	03/22/05	G6PMQ1AC
		Dilution Factor: 1	Analysis Time..: 17:51		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C160000-727 **Prep Batch #...:** 5075727							
Manganese	500	505	ug/L	101	SW846 6010B	03/17/05	G6EC21CU
			Dilution Factor: 1		Analysis Time..: 19:53		
Barium	2000	2070	ug/L	103	SW846 6010B	03/17/05	G6EC21A4
			Dilution Factor: 1		Analysis Time..: 19:53		
Potassium	50000	50700	ug/L	101	SW846 6010B	03/17-03/18/05	G6EC21CN
			Dilution Factor: 1		Analysis Time..: 01:14		
Silver	50.0	52.8	ug/L	106	SW846 6010B	03/17/05	G6EC21A2
			Dilution Factor: 1		Analysis Time..: 19:53		
Arsenic	2000	2020	ug/L	101	SW846 6010B	03/17/05	G6EC21A3
			Dilution Factor: 1		Analysis Time..: 19:53		
Cadmium	50.0	50.8	ug/L	102	SW846 6010B	03/17/05	G6EC21A6
			Dilution Factor: 1		Analysis Time..: 19:53		
Cobalt	500	494	ug/L	99	SW846 6010B	03/17/05	G6EC21A7
			Dilution Factor: 1		Analysis Time..: 19:53		
Chromium	200	204	ug/L	102	SW846 6010B	03/17/05	G6EC21A8
			Dilution Factor: 1		Analysis Time..: 19:53		
Copper	250	244	ug/L	97	SW846 6010B	03/17/05	G6EC21A9
			Dilution Factor: 1		Analysis Time..: 19:53		
Nickel	500	506	ug/L	101	SW846 6010B	03/17/05	G6EC21CA
			Dilution Factor: 1		Analysis Time..: 19:53		
Lead	500	501	ug/L	100	SW846 6010B	03/17/05	G6EC21CC
			Dilution Factor: 1		Analysis Time..: 19:53		
Antimony	500	503	ug/L	101	SW846 6010B	03/17/05	G6EC21CD
			Dilution Factor: 1		Analysis Time..: 19:53		
Selenium	2000	2040	ug/L	102	SW846 6010B	03/17/05	G6EC21CE
			Dilution Factor: 1		Analysis Time..: 19:53		
Zinc	500	498	ug/L	100	SW846 6010B	03/17/05	G6EC21CJ
			Dilution Factor: 1		Analysis Time..: 19:53		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	50.0	49.1	ug/L	98	SW846 6010B	03/17-03/18/05	G6EC21A5
			Dilution Factor: 1		Analysis Time..: 01:14		
Boron	1000	996	ug/L	100	SW846 6010B	03/17-03/18/05	G6EC21CV
			Dilution Factor: 1		Analysis Time..: 01:14		

LCS Lot-Sample#: D5C220000-128 **Prep Batch #...:** 5081128

Mercury	5.00	4.75	ug/L	95	SW846 7470A	03/22/05	G6PMQ1AC
			Dilution Factor: 1		Analysis Time..: 17:51		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:00 **Date Received..:** 03/16/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C160210-001 **Prep Batch #...:** 5075727							
Manganese	NC,MSB	(79 - 121)			SW846 6010B	03/17/05	G6A951D7
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	03/17/05	G6A951D8
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Barium	104	(85 - 120)			SW846 6010B	03/17/05	G6A951CU
	104	(85 - 120)	0.42	(0-25)	SW846 6010B	03/17/05	G6A951CV
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Potassium	108	(76 - 132)			SW846 6010B	03/17-03/18/05	G6A951D0
	107	(76 - 132)	0.50	(0-25)	SW846 6010B	03/17-03/18/05	G6A951D1
		Dilution Factor: 1					
		Analysis Time..: 01:29					
Silver	105	(75 - 141)			SW846 6010B	03/17/05	G6A951CP
	105	(75 - 141)	0.05	(0-25)	SW846 6010B	03/17/05	G6A951CQ
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Arsenic	101	(84 - 124)			SW846 6010B	03/17/05	G6A951CR
	102	(84 - 124)	0.56	(0-25)	SW846 6010B	03/17/05	G6A951CT
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Cadmium	98	(82 - 119)			SW846 6010B	03/17/05	G6A951C0
	99	(82 - 119)	1.4	(0-25)	SW846 6010B	03/17/05	G6A951C1
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Cobalt	98	(82 - 119)			SW846 6010B	03/17/05	G6A951C2
	98	(82 - 119)	0.58	(0-25)	SW846 6010B	03/17/05	G6A951C3
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Chromium	99	(73 - 135)			SW846 6010B	03/17/05	G6A951C4
	99	(73 - 135)	0.61	(0-25)	SW846 6010B	03/17/05	G6A951C5
		Dilution Factor: 1					
		Analysis Time..: 20:08					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:00 **Date Received..:** 03/16/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	101	(82 - 129)			SW846 6010B	03/17/05	G6A951C6
	102	(82 - 129)	0.83	(0-25)	SW846 6010B	03/17/05	G6A951C7
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Nickel	99	(84 - 120)			SW846 6010B	03/17/05	G6A951C8
	100	(84 - 120)	0.81	(0-25)	SW846 6010B	03/17/05	G6A951C9
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Lead	98	(89 - 121)			SW846 6010B	03/17/05	G6A951DA
	99	(89 - 121)	0.49	(0-25)	SW846 6010B	03/17/05	G6A951DC
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Antimony	101	(81 - 124)			SW846 6010B	03/17/05	G6A951DD
	102	(81 - 124)	0.58	(0-25)	SW846 6010B	03/17/05	G6A951DE
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Selenium	100	(71 - 140)			SW846 6010B	03/17/05	G6A951DF
	101	(71 - 140)	0.86	(0-25)	SW846 6010B	03/17/05	G6A951DG
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Zinc	96	(60 - 137)			SW846 6010B	03/17/05	G6A951DP
	97	(60 - 137)	1.4	(0-25)	SW846 6010B	03/17/05	G6A951DQ
		Dilution Factor: 1					
		Analysis Time..: 20:08					
Beryllium	100	(79 - 121)			SW846 6010B	03/17-03/18/05	G6A951CW
	99	(79 - 121)	1.3	(0-25)	SW846 6010B	03/17-03/18/05	G6A951CX
		Dilution Factor: 1					
		Analysis Time..: 01:29					
Boron	102	(87 - 113)			SW846 6010B	03/17-03/18/05	G6A951EA
	100	(87 - 113)	1.1	(0-25)	SW846 6010B	03/17-03/18/05	G6A951EC
		Dilution Factor: 1					
		Analysis Time..: 01:29					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:00 **Date Received..:** 03/16/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C160210-001 **Prep Batch #...:** 5075727									
Manganese									
	18000	500	17800	ug/L			SW846 6010B	03/17/05	G6A951D7
			Qualifiers: NC,MSB						
	18000	500	17900	ug/L			SW846 6010B	03/17/05	G6A951D8
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Barium									
	65	2000	2140	ug/L	104		SW846 6010B	03/17/05	G6A951CU
	65	2000	2150	ug/L	104	0.42	SW846 6010B	03/17/05	G6A951CV
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Potassium									
	2000	50000	55800	ug/L	108		SW846 6010B	03/17-03/18/05	G6A951D0
	2000	50000	55500	ug/L	107	0.50	SW846 6010B	03/17-03/18/05	G6A951D1
			Dilution Factor: 1						
			Analysis Time..: 01:29						
Silver									
	2.6	50.0	55.1	ug/L	105		SW846 6010B	03/17/05	G6A951CP
	2.6	50.0	55.2	ug/L	105	0.05	SW846 6010B	03/17/05	G6A951CQ
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Arsenic									
	ND	2000	2030	ug/L	101		SW846 6010B	03/17/05	G6A951CR
	ND	2000	2040	ug/L	102	0.56	SW846 6010B	03/17/05	G6A951CT
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Cadmium									
	0.44	50.0	49.2	ug/L	98		SW846 6010B	03/17/05	G6A951C0
	0.44	50.0	49.9	ug/L	99	1.4	SW846 6010B	03/17/05	G6A951C1
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Cobalt									
	ND	500	490	ug/L	98		SW846 6010B	03/17/05	G6A951C2
	ND	500	493	ug/L	98	0.58	SW846 6010B	03/17/05	G6A951C3
			Dilution Factor: 1						
			Analysis Time..: 20:08						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:00 **Date Received..:** 03/16/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	8.2	200	205	ug/L	99		SW846 6010B	03/17/05	G6A951C4
	8.2	200	207	ug/L	99	0.61	SW846 6010B	03/17/05	G6A951C5
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Copper									
	ND	250	254	ug/L	101		SW846 6010B	03/17/05	G6A951C6
	ND	250	256	ug/L	102	0.83	SW846 6010B	03/17/05	G6A951C7
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Nickel									
	ND	500	494	ug/L	99		SW846 6010B	03/17/05	G6A951C8
	ND	500	498	ug/L	100	0.81	SW846 6010B	03/17/05	G6A951C9
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Lead									
	2.0	500	493	ug/L	98		SW846 6010B	03/17/05	G6A951DA
	2.0	500	495	ug/L	99	0.49	SW846 6010B	03/17/05	G6A951DC
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Antimony									
	ND	500	506	ug/L	101		SW846 6010B	03/17/05	G6A951DD
	ND	500	509	ug/L	102	0.58	SW846 6010B	03/17/05	G6A951DE
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Selenium									
	5.7	2000	2000	ug/L	100		SW846 6010B	03/17/05	G6A951DF
	5.7	2000	2020	ug/L	101	0.86	SW846 6010B	03/17/05	G6A951DG
			Dilution Factor: 1						
			Analysis Time..: 20:08						
Zinc									
	9.8	500	490	ug/L	96		SW846 6010B	03/17/05	G6A951DP
	9.8	500	497	ug/L	97	1.4	SW846 6010B	03/17/05	G6A951DQ
			Dilution Factor: 1						
			Analysis Time..: 20:08						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/15/05 13:00 **Date Received..:** 03/16/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	ND	50.0	50.2	ug/L	100		SW846 6010B	03/17-03/18/05	G6A951CW
	ND	50.0	49.5	ug/L	99	1.3	SW846 6010B	03/17-03/18/05	G6A951CX
			Dilution Factor: 1						
			Analysis Time..: 01:29						
Boron									
	240	1000	1250	ug/L	102		SW846 6010B	03/17-03/18/05	G6A951EA
	240	1000	1240	ug/L	100	1.1	SW846 6010B	03/17-03/18/05	G6A951EC
			Dilution Factor: 1						
			Analysis Time..: 01:29						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/09/05 04:31 **Date Received..:** 03/10/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C100356-001 **Prep Batch #...:** 5081128							
Mercury	34 N	(85 - 114)			SW846 7470A	03/22/05	G50661C1
	33 N	(85 - 114)	3.1	(0-10)	SW846 7470A	03/22/05	G50661C2
		Dilution Factor: 1					
		Analysis Time..: 18:01					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/09/05 04:31 **Date Received..:** 03/10/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C100356-001 **Prep Batch #...:** 5081128									
Mercury									
	0.17	5.00	1.87 N	ug/L	34		SW846 7470A	03/22/05	G50661C1
	0.17	5.00	1.82 N	ug/L	33	3.1	SW846 7470A	03/22/05	G50661C2

Dilution Factor: 1
Analysis Time..: 18:01

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/13/05 07:20 **Date Received..:** 03/15/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C150267-001 **Prep Batch #...:** 5081128							
Mercury	30 N	(85 - 114)			SW846 7470A	03/22/05	G589A1D8
	30 N	(85 - 114)	0.56	(0-10)	SW846 7470A	03/22/05	G589A1D9
		Dilution Factor: 1					
		Analysis Time..: 18:09					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/13/05 07:20 **Date Received..:** 03/15/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C150267-001 **Prep Batch #...:** 5081128									
Mercury									
	ND	5.00	1.49 N	ug/L	30		SW846 7470A	03/22/05	G589A1D8
	ND	5.00	1.49 N	ug/L	30	0.56	SW846 7470A	03/22/05	G589A1D9

Dilution Factor: 1
Analysis Time..: 18:09

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C160000-723 **Prep Batch #...:** 5075723						
Calcium	ND	200	ug/L	SW846 6010B	03/18-03/19/05	G6ECR1AA
		Dilution Factor: 1				
		Analysis Time..: 04:47				
Magnesium	ND	200	ug/L	SW846 6010B	03/18-03/19/05	G6ECR1AC
		Dilution Factor: 1				
		Analysis Time..: 04:47				
Sodium	ND	5000	ug/L	SW846 6010B	03/18-03/19/05	G6ECR1AD
		Dilution Factor: 1				
		Analysis Time..: 04:47				
Potassium	ND	5000	ug/L	SW846 6010B	03/18-03/19/05	G6ECR1AE
		Dilution Factor: 1				
		Analysis Time..: 04:47				
Iron	ND	100	ug/L	SW846 6010B	03/18-03/19/05	G6ECR1AF
		Dilution Factor: 1				
		Analysis Time..: 04:47				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C160000-723 **Prep Batch #...:** 5075723					
Calcium	101	(89 - 110)	SW846 6010B	03/18-03/19/05	G6ECR1AG
		Dilution Factor: 1	Analysis Time..: 04:53		
Magnesium	101	(91 - 111)	SW846 6010B	03/18-03/19/05	G6ECR1AH
		Dilution Factor: 1	Analysis Time..: 04:53		
Sodium	102	(91 - 112)	SW846 6010B	03/18-03/19/05	G6ECR1AJ
		Dilution Factor: 1	Analysis Time..: 04:53		
Potassium	102	(86 - 111)	SW846 6010B	03/18-03/19/05	G6ECR1AK
		Dilution Factor: 1	Analysis Time..: 04:53		
Iron	100	(88 - 110)	SW846 6010B	03/18-03/19/05	G6ECR1AL
		Dilution Factor: 1	Analysis Time..: 04:53		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C160000-723 **Prep Batch #...:** 5075723							
Calcium	50000	50300	ug/L	101	SW846 6010B	03/18-03/19/05	G6ECR1AG
			Dilution Factor: 1		Analysis Time..: 04:53		
Magnesium	50000	50700	ug/L	101	SW846 6010B	03/18-03/19/05	G6ECR1AH
			Dilution Factor: 1		Analysis Time..: 04:53		
Sodium	50000	51200	ug/L	102	SW846 6010B	03/18-03/19/05	G6ECR1AJ
			Dilution Factor: 1		Analysis Time..: 04:53		
Potassium	50000	50800	ug/L	102	SW846 6010B	03/18-03/19/05	G6ECR1AK
			Dilution Factor: 1		Analysis Time..: 04:53		
Iron	1000	1000	ug/L	100	SW846 6010B	03/18-03/19/05	G6ECR1AL
			Dilution Factor: 1		Analysis Time..: 04:53		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/15/05 08:30 **Date Received..:** 03/16/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C160237-002 **Prep Batch #...:** 5075723							
Calcium	106	(48 - 153)			SW846 6010B	03/18-03/19/05	G6CJ31CP
	96	(48 - 153)	5.1	(0-25)	SW846 6010B	03/18-03/19/05	G6CJ31CQ
		Dilution Factor: 1					
		Analysis Time..: 05:08					
Magnesium	105	(62 - 146)			SW846 6010B	03/18-03/19/05	G6CJ31CR
	97	(62 - 146)	6.1	(0-25)	SW846 6010B	03/18-03/19/05	G6CJ31CT
		Dilution Factor: 1					
		Analysis Time..: 05:08					
Sodium	107	(70 - 203)			SW846 6010B	03/18-03/19/05	G6CJ31CU
	99	(70 - 203)	5.0	(0-40)	SW846 6010B	03/18-03/19/05	G6CJ31CV
		Dilution Factor: 1					
		Analysis Time..: 05:08					
Potassium	104	(76 - 132)			SW846 6010B	03/18-03/19/05	G6CJ31CW
	97	(76 - 132)	6.9	(0-25)	SW846 6010B	03/18-03/19/05	G6CJ31CX
		Dilution Factor: 1					
		Analysis Time..: 05:08					
Iron	98	(52 - 155)			SW846 6010B	03/18-03/19/05	G6CJ31C0
	92	(52 - 155)	6.4	(0-25)	SW846 6010B	03/18-03/19/05	G6CJ31C1
		Dilution Factor: 1					
		Analysis Time..: 05:08					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/15/05 08:30 **Date Received..:** 03/16/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C160237-002 **Prep Batch #...:** 5075723									
Calcium									
	48000	50000	101000	ug/L	106		SW846 6010B	03/18-03/19/05	G6CJ31CP
	48000	50000	96400	ug/L	96	5.1	SW846 6010B	03/18-03/19/05	G6CJ31CQ
			Dilution Factor: 1						
			Analysis Time..: 05:08						
Magnesium									
	14000	50000	65900	ug/L	105		SW846 6010B	03/18-03/19/05	G6CJ31CR
	14000	50000	62000	ug/L	97	6.1	SW846 6010B	03/18-03/19/05	G6CJ31CT
			Dilution Factor: 1						
			Analysis Time..: 05:08						
Sodium									
	29000	50000	82400	ug/L	107		SW846 6010B	03/18-03/19/05	G6CJ31CU
	29000	50000	78400	ug/L	99	5.0	SW846 6010B	03/18-03/19/05	G6CJ31CV
			Dilution Factor: 1						
			Analysis Time..: 05:08						
Potassium									
	4000	50000	56200	ug/L	104		SW846 6010B	03/18-03/19/05	G6CJ31CW
	4000	50000	52500	ug/L	97	6.9	SW846 6010B	03/18-03/19/05	G6CJ31CX
			Dilution Factor: 1						
			Analysis Time..: 05:08						
Iron									
	93	1000	1080	ug/L	98		SW846 6010B	03/18-03/19/05	G6CJ31C0
	93	1000	1010	ug/L	92	6.4	SW846 6010B	03/18-03/19/05	G6CJ31C1
			Dilution Factor: 1						
			Analysis Time..: 05:08						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		Work Order #: G6QTC1AA		MB Lot-Sample #:	D5C170000-382	
	ND	2.0	mg/L	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1				
		Analysis Time..: 08:25				
Chemical Oxygen Demand (COD)		Work Order #: G63MD1AA		MB Lot-Sample #:	D5C250000-349	
	ND	8.0	mg/L	MCAWW 410.4	03/25/05	5084349
		Dilution Factor: 1				
		Analysis Time..: 10:15				
Chloride		Work Order #: G6Q8X1AA		MB Lot-Sample #:	D5C170000-300	
	1.1 B	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/16/05**	**5076300**
		Dilution Factor: 1				
		Analysis Time..: 16:27				
Fluoride		Work Order #: G6QVA1AA		MB Lot-Sample #:	D5C210000-534	
	ND	1.0	mg/L	MCAWW 300.0A	03/18/05	5080534
		Dilution Factor: 1				
		Analysis Time..: 18:35				
Nitrate		Work Order #: G6Q9H1AA		MB Lot-Sample #:	D5C170000-301	
	ND	0.50	mg/L	MCAWW 300.0A	03/16/05	5076301
		Dilution Factor: 1				
		Analysis Time..: 16:27				
Specific Conductance		Work Order #: G6NRT1AA		MB Lot-Sample #:	D5C180000-443	
	ND	2.0	umhos/cm	MCAWW 120.1	03/18/05	5077443
		Dilution Factor: 1				
		Analysis Time..: 15:30				
Sulfate		Work Order #: G6Q9M1AA		MB Lot-Sample #:	D5C170000-302	
	ND	5.0	mg/L	MCAWW 300.0A	03/16/05	5076302
		Dilution Factor: 1				
		Analysis Time..: 16:27				
Total Alkalinity		Work Order #: G6H141AA		MB Lot-Sample #:	D5C180000-176	
	ND	5.0	mg/L	MCAWW 310.1	03/17/05	5077176
		Dilution Factor: 1				
		Analysis Time..: 10:42				
Total Cyanide		Work Order #: G6Q7F1AA		MB Lot-Sample #:	D5C220000-557	
	ND	0.010	mg/L	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1				
		Analysis Time..: 14:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: G65HM1AA		MB Lot-Sample #: D5C220000-594		
	ND	10	mg/L	MCAWW 160.1	03/22/05	5081594
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Total Organic Halogens		Work Order #: G6MNR1AA		MB Lot-Sample #: D5C210000-210		
	ND	30	ug/L	SW846 9020B	03/18/05	5080210
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Total Organic Halogens		Work Order #: G6PLW1AA		MB Lot-Sample #: D5C220000-140		
	ND	30	ug/L	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Total Organic Carbon		Work Order #: G6PNN1AA		MB Lot-Sample #: D5C220000-149		
	ND	1.0	mg/L	MCAWW 415.1	03/21/05	5081149
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Total Sulfide		Work Order #: G620P1AA		MB Lot-Sample #: D5C180000-384		
	ND	4.0	mg/L	SW846 9030B/9034	03/18/05	5077384
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		Work Order #: G6QTC1AC	LCS Lot-Sample#: D5C170000-382		
	94	(85 - 115)	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1	Analysis Time..: 08:25		
Chemical Oxygen Demand (COD)		Work Order #: G63MD1AC	LCS Lot-Sample#: D5C250000-349		
	105	(85 - 115)	MCAWW 410.4	03/25/05	5084349
		Dilution Factor: 1	Analysis Time..: 10:15		
Chloride		Work Order #: G6Q8X1AC	LCS Lot-Sample#: D5C170000-300		
	95	(90 - 110)	MCAWW 300.0A	03/16/05	5076300
		Dilution Factor: 1	Analysis Time..: 15:56		
Fluoride		Work Order #: G6QVA1AC	LCS Lot-Sample#: D5C210000-534		
	102	(90 - 110)	MCAWW 300.0A	03/18/05	5080534
		Dilution Factor: 1	Analysis Time..: 18:02		
Nitrate		Work Order #: G6Q9H1AC	LCS Lot-Sample#: D5C170000-301		
	93	(90 - 110)	MCAWW 300.0A	03/16/05	5076301
		Dilution Factor: 1	Analysis Time..: 15:56		
Specific Conductance		Work Order #: G6NRT1AC	LCS Lot-Sample#: D5C180000-443		
	101	(89 - 109)	MCAWW 120.1	03/18/05	5077443
		Dilution Factor: 1	Analysis Time..: 15:30		
Sulfate		Work Order #: G6Q9M1AC	LCS Lot-Sample#: D5C170000-302		
	95	(90 - 110)	MCAWW 300.0A	03/16/05	5076302
		Dilution Factor: 1	Analysis Time..: 15:56		
Total Alkalinity		Work Order #: G6H141AC	LCS Lot-Sample#: D5C180000-176		
	101	(95 - 110)	MCAWW 310.1	03/17/05	5077176
		Dilution Factor: 1	Analysis Time..: 10:42		
Total Cyanide		Work Order #: G6Q7F1AC	LCS Lot-Sample#: D5C220000-557		
	100	(89 - 109)	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1	Analysis Time..: 14:00		
Total Dissolved Solids		Work Order #: G65HM1AC	LCS Lot-Sample#: D5C220000-594		
	98	(86 - 106)	MCAWW 160.1	03/22/05	5081594
		Dilution Factor: 1	Analysis Time..: 15:00		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Halogens		Work Order #: G6MNR1AC	LCS Lot-Sample#: D5C210000-210		
	108	(75 - 113)	SW846 9020B	03/18/05	5080210
		Dilution Factor: 1	Analysis Time..: 11:00		
Total Organic Halogens		Work Order #: G6PLW1AC	LCS Lot-Sample#: D5C220000-140		
	105	(75 - 113)	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1	Analysis Time..: 14:00		
Total Organic Carbon		Work Order #: G6PNN1AC	LCS Lot-Sample#: D5C220000-149		
	97	(89 - 113)	MCAWW 415.1	03/21/05	5081149
		Dilution Factor: 1	Analysis Time..: 14:00		
Total Sulfide		Work Order #: G620P1AC	LCS Lot-Sample#: D5C180000-384		
	76	(70 - 130)	SW846 9030B/9034	03/18/05	5077384
		Dilution Factor: 1	Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)			Work Order #: G6QTC1AC		LCS Lot-Sample#: D5C170000-382		
	198	186	mg/L	94	MCAWW 405.1	03/17/05	5076382
			Dilution Factor: 1		Analysis Time..: 08:25		
Chemical Oxygen Demand (COD)			Work Order #: G63MD1AC		LCS Lot-Sample#: D5C250000-349		
	100	105	mg/L	105	MCAWW 410.4	03/25/05	5084349
			Dilution Factor: 1		Analysis Time..: 10:15		
Chloride			Work Order #: G6Q8X1AC		LCS Lot-Sample#: D5C170000-300		
	20.0	19.0	mg/L	95	MCAWW 300.0A	03/16/05	5076300
			Dilution Factor: 1		Analysis Time..: 15:56		
Fluoride			Work Order #: G6QVA1AC		LCS Lot-Sample#: D5C210000-534		
	4.00	4.06	mg/L	102	MCAWW 300.0A	03/18/05	5080534
			Dilution Factor: 1		Analysis Time..: 18:02		
Nitrate			Work Order #: G6Q9H1AC		LCS Lot-Sample#: D5C170000-301		
	4.00	3.71	mg/L	93	MCAWW 300.0A	03/16/05	5076301
			Dilution Factor: 1		Analysis Time..: 15:56		
Specific Conductance			Work Order #: G6NRT1AC		LCS Lot-Sample#: D5C180000-443		
	1410	1420	umhos/cm	101	MCAWW 120.1	03/18/05	5077443
			Dilution Factor: 1		Analysis Time..: 15:30		
Sulfate			Work Order #: G6Q9M1AC		LCS Lot-Sample#: D5C170000-302		
	20.0	18.9	mg/L	95	MCAWW 300.0A	03/16/05	5076302
			Dilution Factor: 1		Analysis Time..: 15:56		
Total Alkalinity			Work Order #: G6H141AC		LCS Lot-Sample#: D5C180000-176		
	200	202	mg/L	101	MCAWW 310.1	03/17/05	5077176
			Dilution Factor: 1		Analysis Time..: 10:42		
Total Cyanide			Work Order #: G6Q7F1AC		LCS Lot-Sample#: D5C220000-557		
	0.100	0.100	mg/L	100	SW846 9012A	03/22/05	5081557
			Dilution Factor: 1		Analysis Time..: 14:00		
Total Dissolved Solids			Work Order #: G65HM1AC		LCS Lot-Sample#: D5C220000-594		
	500	492	mg/L	98	MCAWW 160.1	03/22/05	5081594
			Dilution Factor: 1		Analysis Time..: 15:00		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Halogens			Work Order #: G6MNR1AC		LCS Lot-Sample#: D5C210000-210		
	100	108	ug/L	108	SW846 9020B	03/18/05	5080210
			Dilution Factor: 1		Analysis Time..: 11:00		
Total Organic Halogens			Work Order #: G6PLW1AC		LCS Lot-Sample#: D5C220000-140		
	100	105	ug/L	105	SW846 9020B	03/21/05	5081140
			Dilution Factor: 1		Analysis Time..: 14:00		
Total Organic Carbon			Work Order #: G6PNN1AC		LCS Lot-Sample#: D5C220000-149		
	25.0	24.4	mg/L	97	MCAWW 415.1	03/21/05	5081149
			Dilution Factor: 1		Analysis Time..: 14:00		
Total Sulfide			Work Order #: G620P1AC		LCS Lot-Sample#: D5C180000-384		
	17.0	13.0	mg/L	76	SW846 9030B/9034	03/18/05	5077384
			Dilution Factor: 1		Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/17/05 14:00 **Date Received..:** 03/22/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G6QMG1AF-MS/G6QMG1AG-MSD			MS Lot-Sample #: D5C220259-003	
	100	(74 - 109)			MCAWW 410.4	03/25/05	5084347
	98	(74 - 109)	0.63	(0-11)	MCAWW 410.4	03/25/05	5084347
		Dilution Factor: 1					
		Analysis Time..: 10:15					
Chloride			WO#: G6A001CK-MS/G6A001CL-MSD			MS Lot-Sample #: D5C160173-002	
	110 I	(80 - 120)			MCAWW 300.0A	03/16/05	5076300
	113 I	(80 - 120)	1.3	(0-20)	MCAWW 300.0A	03/16/05	5076300
		Dilution Factor: 1					
		Analysis Time..: 17:27					
Fluoride			WO#: G6A6K1D7-MS/G6A6K1D8-MSD			MS Lot-Sample #: D5C160198-001	
	107	(80 - 120)			MCAWW 300.0A	03/18/05	5080534
	122 N	(80 - 120)	12	(0-20)	MCAWW 300.0A	03/18/05	5080534
		Dilution Factor: 1					
		Analysis Time..: 23:15					
Nitrate			WO#: G6A001CM-MS/G6A001CN-MSD			MS Lot-Sample #: D5C160173-002	
	97	(80 - 120)			MCAWW 300.0A	03/16/05	5076301
	97	(80 - 120)	0.18	(0-20)	MCAWW 300.0A	03/16/05	5076301
		Dilution Factor: 1					
		Analysis Time..: 17:27					
Sulfate			WO#: G6A001CP-MS/G6A001CQ-MSD			MS Lot-Sample #: D5C160173-002	
	119 I	(80 - 120)			MCAWW 300.0A	03/16/05	5076302
	120 I	(80 - 120)	0.43	(0-20)	MCAWW 300.0A	03/16/05	5076302
		Dilution Factor: 1					
		Analysis Time..: 17:27					
Total Cyanide			WO#: G6GRA1AM-MS/G6GRA1AN-MSD			MS Lot-Sample #: D5C170359-004	
	96	(78 - 120)			SW846 9012A	03/22/05	5081557
	96	(78 - 120)	0.30	(0-20)	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Halogens			WO#: G5QDQ1AD-MS/G5QDQ1AE-MSD			MS Lot-Sample #: D5C080191-039	
	101	(75 - 113)			SW846 9020B	03/18/05	5080210
	99	(75 - 113)	1.7	(0-30)	SW846 9020B	03/18/05	5080210
		Dilution Factor: 1					
		Analysis Time..: 11:00					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/17/05 14:00 **Date Received..:** 03/22/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Halogens		WO#: G6FHV1CP-MS/G6FHV1CQ-MSD				MS Lot-Sample #: D5C170217-002	
	93	(75 - 113)			SW846 9020B	03/21/05	5081140
	97	(75 - 113)	4.6	(0-30)	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Carbon		WO#: G6A0P1D1-MS/G6A0P1D2-MSD				MS Lot-Sample #: D5C160173-001	
	101	(73 - 124)			MCAWW 415.1	03/21/05	5081147
	100	(73 - 124)	0.98	(0-10)	MCAWW 415.1	03/21/05	5081147
		Dilution Factor: 1					
		Analysis Time..: 15:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/17/05 14:00 **Date Received..:** 03/22/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G6QMG1AF-MS/G6QMG1AG-MSD				MS Lot-Sample #: D5C220259-003		
	120	50.0	167	mg/L	100		MCAWW 410.4	03/25/05	5084347
	120	50.0	166	mg/L	98	0.63	MCAWW 410.4	03/25/05	5084347
			Dilution Factor: 1						
			Analysis Time..: 10:15						
Chloride			WO#: G6A001CK-MS/G6A001CL-MSD				MS Lot-Sample #: D5C160173-002		
	31	25.0	58.0 I	mg/L	110		MCAWW 300.0A	03/16/05	5076300
	31	25.0	58.7 I	mg/L	113	1.3	MCAWW 300.0A	03/16/05	5076300
			Dilution Factor: 1						
			Analysis Time..: 17:27						
Fluoride			WO#: G6A6K1D7-MS/G6A6K1D8-MSD				MS Lot-Sample #: D5C160198-001		
	0.38	5.00	5.72	mg/L	107		MCAWW 300.0A	03/18/05	5080534
	0.38	5.00	6.47 N	mg/L	122	12	MCAWW 300.0A	03/18/05	5080534
			Dilution Factor: 1						
			Analysis Time..: 23:15						
Nitrate			WO#: G6A001CM-MS/G6A001CN-MSD				MS Lot-Sample #: D5C160173-002		
	0.69	5.00	5.53	mg/L	97		MCAWW 300.0A	03/16/05	5076301
	0.69	5.00	5.54	mg/L	97	0.18	MCAWW 300.0A	03/16/05	5076301
			Dilution Factor: 1						
			Analysis Time..: 17:27						
Sulfate			WO#: G6A001CP-MS/G6A001CQ-MSD				MS Lot-Sample #: D5C160173-002		
	28	25.0	58.0 I	mg/L	119		MCAWW 300.0A	03/16/05	5076302
	28	25.0	58.2 I	mg/L	120	0.43	MCAWW 300.0A	03/16/05	5076302
			Dilution Factor: 1						
			Analysis Time..: 17:27						
Total Cyanide			WO#: G6GRA1AM-MS/G6GRA1AN-MSD				MS Lot-Sample #: D5C170359-004		
	ND	0.100	0.0974	mg/L	96		SW846 9012A	03/22/05	5081557
	ND	0.100	0.0971	mg/L	96	0.30	SW846 9012A	03/22/05	5081557
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Halogens			WO#: G5QDQ1AD-MS/G5QDQ1AE-MSD				MS Lot-Sample #: D5C080191-039		
	ND	500	539	ug/L	101		SW846 9020B	03/18/05	5080210
	ND	500	530	ug/L	99	1.7	SW846 9020B	03/18/05	5080210
			Dilution Factor: 1						
			Analysis Time..: 11:00						

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C160237 **Matrix.....:** WATER
Date Sampled...: 03/17/05 14:00 **Date Received..:** 03/22/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Halogens			WO#: G6FHV1CP-MS/G6FHV1CQ-MSD				MS Lot-Sample #: D5C170217-002		
	ND	100	97.5	ug/L	93		SW846 9020B	03/21/05	5081140
	ND	100	102	ug/L	97	4.6	SW846 9020B	03/21/05	5081140
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Carbon			WO#: G6A0P1D1-MS/G6A0P1D2-MSD				MS Lot-Sample #: D5C160173-001		
	4.3	25.0	29.7	mg/L	101		MCAWW 415.1	03/21/05	5081147
	4.3	25.0	29.4	mg/L	100	0.98	MCAWW 415.1	03/21/05	5081147
			Dilution Factor: 1						
			Analysis Time..: 15:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Work Order #...:** G6DX9-SMP G6DX9-DUP **Matrix.....:** WATER

Date Sampled...: 03/16/05 11:30 **Date Received..:** 03/16/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #: D5C160377-001		
	260	270	mg/L	5.3	(0-20)	MCAWW 405.1	03/17/05	5076382

Dilution Factor: 1 Analysis Time..: 08:25

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Work Order #...:** G5509-SMP G5509-DUP **Matrix.....:** WATER

Date Sampled...: 03/10/05 11:22 **Date Received..:** 03/12/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D5C120205-001	
	310	310	mg/L	1.3	(0-10)	MCAWW 310.1	03/17/05	5077176

Dilution Factor: 1 Analysis Time..: 10:42

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Work Order #...:** G6E8T-SMP G6E8T-DUP **Matrix.....:** WATER

Date Sampled...: 03/16/05 13:50 **Date Received..:** 03/17/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Conductance						SD Lot-Sample #:	D5C170181-001	
	31000	31000	umhos/cm	0.32	(0-7.0)	MCAWW 120.1	03/18/05	5077443

Dilution Factor: 1 Analysis Time..: 15:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C160237 **Work Order #...:** G6A95-SMP G6A95-DUP **Matrix.....:** WATER

Date Sampled...: 03/15/05 13:00 **Date Received..:** 03/16/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D5C160210-001		
	1900	1900	mg/L	1.4	(0-20)	MCAWW 160.1	03/22/05	5081594
			Dilution Factor: 1			Analysis Time..: 15:00		

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client	SCS ENGINEERS
Project Manager	TINA S.
Date	3/15/05
Chain of Custody Number	313995
Address	3900 KILROY AIRPORT WAY STE 100
Telephone Number (Area Code)/Fax Number	(800) 326-9544
Lab Number	
Page	1 of 1
City	LONG BEACH
State	CA
Zip Code	90806
Site Contact	
Lab Contact	BETSY F.
Project Name and Location (State)	BRADLEY
Carrier/Waybill Number	
Contract/Purchase Order/Quote No.	234 25662-C

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	GENERAL CHEM	METALS DISSOLVED	TOX	COD/TOC	VOLATILES 624	BOD-405.1	METALS-TOTAL	SEMI VOA 625	CYANIDE	TOTAL SULFIDE			Special Instructions/ Conditions of Receipt
TRIP BLANK	3/15/05	0800		X							1							X								
4915 A	3/15/05	0830		X				5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X			
4915 E	3/15/05	1030		X				5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X			
4915 C	3/15/05	1330		X				5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X			

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Mario Lin	3/15/05	1530	1. Received By: David T. Bougery	3/16/05	0915
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915A (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSL160237-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031505	0830	1:50		250	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: E — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: E

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 92845 (ft/msl)

Depth to Water (DTW) (from TOC): 22830 (ft)

Groundwater Elevation (site datum, from TOC): 81.70 (ft/msl)

Total Well Depth (from TOC): 31000 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 6.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit GAL	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:10	5.0 1st	7.87 1st	.552	21.5	105	5.59	352	
09:20	10.0 2nd	8.21 2nd	.007	20.9	360	6.09	349	
09:30	15.0 3rd	8.08 3rd	.551	20.8	79	8.14	349	
09:35	20.0 4th	8.08 4th	.204	20.9	1.1	9.24	347	
09:45	25.0	8.09	.539	20.8	1.1	9.83	344	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
031505	8.09	.539	20.8	1.1	9.83	344	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: CLEAR — Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5/5 — Outlook: GOOD — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
3/15/05	MARCO QUEN	SCS ENGINEERS	[signature]

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM F 1/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915E (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC160237-003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031505	1030	150		200	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: E
Sampling Device: E
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: Y or N; 0.45 µ or ___ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 92719 (ft/msl)
Depth to Water (DTW) (from TOC): 21920 (ft)
Groundwater Elevation (site datum, from TOC): 10580 (ft/msl)
Total Well Depth (from TOC): 32500 (ft)
Stick Up (from ground elevation): ___ (ft)
Casing ID: 4.0 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit GAL	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1054	5.0 1st	770 1st	.542	236	0.45	104	345	
11:00	10.0 2nd	763 2nd	.588	224	461	140	348	
11:10	15.0 3rd	762 3rd	.590	221	0.69	132	346	
11:20	20.0 4th	750 4th	.559	223	0.69	147	346	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ___ Units ___
031505	750	.559	223	0.69	147	346	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/15/05	MARCO QUEN	SCS ENGINEERS	Marco Quen

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM R 10/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915C (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSL160237-004

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031505	1330	150		150	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: E

Sampling Device: E

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or N, 0.45 µ or ___ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 92790 (ft/msl)

Depth to Water (DTW) (from TOC): 21557 (ft)

Groundwater Elevation (site datum, from TOC): 69.43 (ft/msl)

Total Well Depth (from TOC): 28500 (ft)

Stick Up (from ground elevation): ___ (ft)

Casing ID: 4.5 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit GAL		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
14:02	5.0	1st	871	1st	.570	230	~~225~~ 0.6	9.61	351	
14:10	10.0	2nd	842	2nd	.611	218	0.55	10.2	356	
14:16	15.0	3rd	775	3rd	.595	218	0.22	10.5	353	
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ___ Units ___
031505							

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/15/05	MARCO QUEN	SCS ENGINEERS	Marco Quen

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM F 1/00

SEVERN TRENT STL

STL Denver
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Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C170217
Groundwater

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

March 30, 2005

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- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for four samples received at STL's Denver laboratory on March 17, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C170217

Sample Receiving

- The cooler temperatures upon receipt at the Denver laboratory were 3.6°C, 2.2°C, and 2.4°C.
- All sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Trip Blanks

- Methylene Chloride was detected in the Trip Blank sample at a level below the requested reporting limit. Methylene Chloride was also detected in all samples at similar levels, therefore indicating the possibility of field or laboratory contamination of Methylene Chloride in these samples.

Method Blanks

- Methylene Chloride Method 8260B, Total Silver, and Total Chromium Method 6010B were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.
- All other Method Blanks were within established control limits.

Laboratory Control Samples

- The Method 9030B/9034 LCSD exhibited a recovery below the lower control limit for Total Sulfide at 69% (control limits 70%-130%). Due to insufficient sample volume, reanalysis could not be performed.

- All other Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- The method required MS/MSD could not be performed for Method 9030B/9034 due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- Sample 4915D was selected to fulfill the laboratory batch quality control requirements for Method 300.0A. Analysis of the laboratory generated MS/MSD for this sample provided MS and MSD recoveries of Sulfate above the upper control limit indicating the possible presence of a matrix interference.

- Due to the result concentration exceeding the calibration range the MS/MSD results for Sulfate Method 300.0A are estimated.

- All other MS and MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D5C170217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK 03/16/05 07:30 001				
Methylene chloride	0.79 J,B	5.0	ug/L	SW846 8260B
4915D 03/16/05 08:00 002				
Calcium - DISSOLVED	49000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	13000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	25000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	3400 B	5000	ug/L	SW846 6010B
Mercury	0.063 B	0.20	ug/L	SW846 7470A
Silver	0.48 B,J	10	ug/L	SW846 6010B
Barium	72 B	100	ug/L	SW846 6010B
Potassium	3400 B	5000	ug/L	SW846 6010B
Boron	130	100	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	27	10	ug/L	SW846 8270C
Methylene chloride	0.34 J,B	5.0	ug/L	SW846 8260B
Specific Conductance	480	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	280	10	mg/L	MCAWW 160.1
Chloride	15	3.0	mg/L	MCAWW 300.0A
Sulfate	44	5.0	mg/L	MCAWW 300.0A
Fluoride	0.70 B	1.0	mg/L	MCAWW 300.0A
Nitrate	1.1	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	1.6	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.7	1.0	mg/L	MCAWW 415.1
Total Sulfide	1.1 B	4.0	mg/L	SW846 9030B/9034
Bicarbonate, as CaCO3	170	5.0	mg/L	MCAWW 310.1
Total Alkalinity	170	5.0	mg/L	MCAWW 310.1
Chemical Oxygen Demand (COD)	13	8.0	mg/L	MCAWW 410.4
4915M 03/16/05 10:30 003				
Calcium - DISSOLVED	51000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	14000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	31000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	3600 B	5000	ug/L	SW846 6010B
Silver	0.70 B,J	10	ug/L	SW846 6010B
Barium	68 B	100	ug/L	SW846 6010B
Potassium	3300 B	5000	ug/L	SW846 6010B
Boron	240	100	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	8.7 J	10	ug/L	SW846 8270C

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C170217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4915M 03/16/05 10:30 003				
Methylene chloride	0.33 J,B	5.0	ug/L	SW846 8260B
Trichloroethene	0.41 J	5.0	ug/L	SW846 8260B
Specific Conductance	490	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	290	10	mg/L	MCAWW 160.1
Biochemical Oxygen Demand (BOD)	1.6 B	2.0	mg/L	MCAWW 405.1
Chloride	18	3.0	mg/L	MCAWW 300.0A
Sulfate	49	5.0	mg/L	MCAWW 300.0A
Fluoride	0.63 B	1.0	mg/L	MCAWW 300.0A
Nitrate	0.96	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	1.3	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.3	1.0	mg/L	MCAWW 415.1
Bicarbonate, as CaCO3	170	5.0	mg/L	MCAWW 310.1
Total Alkalinity	170	5.0	mg/L	MCAWW 310.1
Chemical Oxygen Demand (COD)	9.4	8.0	mg/L	MCAWW 410.4
4916L 03/16/05 13:00 004				
Calcium - DISSOLVED	68000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	18000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	34000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	4700 B	5000	ug/L	SW846 6010B
Mercury	0.048 B	0.20	ug/L	SW846 7470A
Silver	0.90 B,J	10	ug/L	SW846 6010B
Barium	96 B	100	ug/L	SW846 6010B
Potassium	4300 B	5000	ug/L	SW846 6010B
Boron	170	100	ug/L	SW846 6010B
Chloroform	0.19 J	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	0.30 J	1.0	ug/L	SW846 8260B
Methylene chloride	0.40 J,B	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	0.20 J	5.0	ug/L	SW846 8260B
Trichloroethene	25	5.0	ug/L	SW846 8260B
Specific Conductance	620	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	370	10	mg/L	MCAWW 160.1
Chloride	33	3.0	mg/L	MCAWW 300.0A
Sulfate	68 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.51 B	1.0	mg/L	MCAWW 300.0A
Nitrate	2.3	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	0.90 B	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	0.92 B	1.0	mg/L	MCAWW 415.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C170217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4916L 03/16/05 13:00 004				
Total Organic Halogens	23 B	30	ug/L	SW846 9020B
Total Organic Halogens	23 B	30	ug/L	SW846 9020B
Bicarbonate, as CaCO3	180	5.0	mg/L	MCAWW 310.1
Total Alkalinity	180	5.0	mg/L	MCAWW 310.1
Chemical Oxygen Demand (COD)	9.0	8.0	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D5C170217

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	SW846 9012A	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Nitrate	MCAWW 300.0A	MCAWW 300.0A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfides, Total	SW846 9030B/903	SW846 9030B/903
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C170217

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate as N	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C170217

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Maria Fayard	002596
MCAWW 160.1	David Kendall	002164
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Maria Fayard	002596
MCAWW 405.1	Fougere M. Danielle	006481
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Nicole Dean	008504
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Josh Yanez	001198
SW846 8270C	Mike G. Hoffman	001880
SW846 9012A	Ewa Kudla	001167
SW846 9020B	Dave Elkin	000901
SW846 9030B/9034	Duane Allee	001470

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C170217

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G6FHJ	001	TRIP BLANK	03/16/05	07:30
G6FHV	002	4915D	03/16/05	08:00
G6FJ1	003	4915M	03/16/05	10:30
G6FJ2	004	4916L	03/16/05	13:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C170217-001 **Work Order #...:** G6FHJ1AA **Matrix.....:** WATER
Date Sampled...: 03/16/05 07:30 **Date Received..:** 03/17/05
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 22:11
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	**0.79 J,B**	**5.0**	**ug/L**	**0.26**
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

(Continued on next page)

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C170217-001 **Work Order #...:** G6FHJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 118)
1,2-Dichloroethane-d4	103	(62 - 128)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	96	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915D

GC/MS Volatiles

Lot-Sample #...: D5C170217-002 **Work Order #...:** G6FHV1AT **Matrix.....:** WATER
Date Sampled...: 03/16/05 08:00 **Date Received..:** 03/17/05
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 22:33
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	**0.34 J,B**	**5.0**	**ug/L**	**0.26**
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4915D

GC/MS Volatiles

Lot-Sample #...: D5C170217-002 **Work Order #...:** G6FHV1AT **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 118)
1,2-Dichloroethane-d4	108	(62 - 128)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	100	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915M

GC/MS Volatiles

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ11A5 **Matrix.....:** WATER
Date Sampled...: 03/16/05 10:30 **Date Received..:** 03/17/05
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 22:55
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	**0.33 J,B**	**5.0**	**ug/L**	**0.26**
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4915M

GC/MS Volatiles

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ11A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	**0.41 J**	**5.0**	**ug/L**	**0.19**
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 118)
1,2-Dichloroethane-d4	111	(62 - 128)
4-Bromofluorobenzene	108	(78 - 118)
Toluene-d8	99	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916L

GC/MS Volatiles

Lot-Sample #...: D5C170217-004 **Work Order #...:** G6FJ21A5 **Matrix.....:** WATER
Date Sampled...: 03/16/05 13:00 **Date Received..:** 03/17/05
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 23:17
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	**0.19 J**	**5.0**	**ug/L**	**0.15**
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	**0.30 J**	**1.0**	**ug/L**	**0.27**
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	**0.40 J,B**	**5.0**	**ug/L**	**0.26**
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4916L

GC/MS Volatiles

Lot-Sample #...: D5C170217-004 **Work Order #...:** G6FJ21A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	**0.20 J**	**5.0**	**ug/L**	**0.18**
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	**25**	**5.0**	**ug/L**	**0.19**
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 118)
1,2-Dichloroethane-d4	105	(62 - 128)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	95	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915D

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-002 **Work Order #...:** G6FHV1A5 **Matrix.....:** WATER
Date Sampled...: 03/16/05 08:00 **Date Received..:** 03/17/05
Prep Date.....: 03/21/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5080371 **Analysis Time..:** 23:16
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	**27**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915D

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-002 **Work Order #...:** G6FHV1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopentadiene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4915D

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-002 **Work Order #...:** G6FHV1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915D

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-002 **Work Order #...:** G6FHV1A5 **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(33 - 106)
Phenol-d5	81	(40 - 105)
Nitrobenzene-d5	79	(48 - 108)
2-Fluorobiphenyl	80	(39 - 93)
2,4,6-Tribromophenol	77	(31 - 122)
Terphenyl-d14	94	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4915M

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ11AG **Matrix.....:** WATER
Date Sampled...: 03/16/05 10:30 **Date Received..:** 03/17/05
Prep Date.....: 03/21/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5080371 **Analysis Time..:** 23:39
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	**8.7 J**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915M

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ11AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4915M

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ11AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4915M

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ11AG **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(33 - 106)
Phenol-d5	78	(40 - 105)
Nitrobenzene-d5	75	(48 - 108)
2-Fluorobiphenyl	75	(39 - 93)
2,4,6-Tribromophenol	78	(31 - 122)
Terphenyl-d14	98	(20 - 123)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916L

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-004 **Work Order #...:** G6FJ21AG **Matrix.....:** WATER
Date Sampled...: 03/16/05 13:00 **Date Received..:** 03/17/05
Prep Date.....: 03/21/05 **Analysis Date..:** 03/26/05
Prep Batch #...: 5080371 **Analysis Time..:** 00:01
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916L

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-004 **Work Order #...:** G6FJ21AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4916L

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-004 **Work Order #...:** G6FJ21AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916L

GC/MS Semivolatiles

Lot-Sample #...: D5C170217-004 **Work Order #...:** G6FJ21AG **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(33 - 106)
Phenol-d5	78	(40 - 105)
Nitrobenzene-d5	78	(48 - 108)
2-Fluorobiphenyl	75	(39 - 93)
2,4,6-Tribromophenol	75	(31 - 122)
Terphenyl-d14	94	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4915D

TOTAL Metals

Lot-Sample #...: D5C170217-002 **Matrix.....:** WATER
Date Sampled...: 03/16/05 08:00 **Date Received..:** 03/17/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5077493						
Manganese	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1AH
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 1.9	
Barium	**72 B**	**100**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FHV1AJ**
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 2.1	
Potassium	**3400 B**	**5000**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FHV1AR**
		Dilution Factor: 1		Analysis Time..: 14:41	MDL.....: 250	
Silver	**0.48 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FHV1A8**
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1A9
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CA
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CC
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CD
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CE
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 1.6	
Nickel	ND	40	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CF
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CG
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CH
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CJ
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4915D

TOTAL Metals

Lot-Sample #...: D5C170217-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CK
		Dilution Factor: 1		Analysis Time..: 19:54	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FHV1CM
		Dilution Factor: 1		Analysis Time..: 14:41	MDL.....: 0.83	
Boron	**130**	**100**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FHV1CN**
		Dilution Factor: 1		Analysis Time..: 14:41	MDL.....: 13	

Prep Batch #...: 5081131

Mercury	**0.063 B**	**0.20**	**ug/L**	**SW846 7470A**	**03/24/05**	**G6FHV1CL**
		Dilution Factor: 1		Analysis Time..: 20:24	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915D

DISSOLVED Metals

Lot-Sample #...: D5C170217-002
Date Sampled...: 03/16/05 08:00 Date Received..: 03/17/05

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5077499						
Calcium	49000	200	ug/L	SW846 6010B	03/22-03/24/05	G6FHV1AU
		Dilution Factor: 1		Analysis Time..: 01:19	MDL.....: 96	
Magnesium	13000	200	ug/L	SW846 6010B	03/22-03/24/05	G6FHV1AV
		Dilution Factor: 1		Analysis Time..: 01:19	MDL.....: 17	
Sodium	25000	5000	ug/L	SW846 6010B	03/22-03/24/05	G6FHV1AW
		Dilution Factor: 1		Analysis Time..: 01:19	MDL.....: 1400	
Potassium	3400 B	5000	ug/L	SW846 6010B	03/22-03/24/05	G6FHV1AX
		Dilution Factor: 1		Analysis Time..: 01:19	MDL.....: 250	
Iron	ND	100	ug/L	SW846 6010B	03/22-03/24/05	G6FHV1A2
		Dilution Factor: 1		Analysis Time..: 01:19	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915M

TOTAL Metals

Lot-Sample #...: D5C170217-003
Date Sampled...: 03/16/05 10:30 **Date Received..:** 03/17/05
Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5077493						
Manganese	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11AU
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 1.9	
Barium	**68 B**	**100**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ11AV**
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 2.1	
Potassium	**3300 B**	**5000**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ11A4**
		Dilution Factor: 1		Analysis Time..: 14:46	MDL.....: 250	
Silver	**0.70 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ11AK**
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11AL
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CA
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CC
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CD
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CE
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 1.6	
Nickel	ND	40	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CF
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CG
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CH
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CJ
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4915M

TOTAL Metals

Lot-Sample #...: D5C170217-003

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CK
		Dilution Factor: 1		Analysis Time..: 19:59	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ11CM
		Dilution Factor: 1		Analysis Time..: 14:46	MDL.....: 0.83	
Boron	**240**	**100**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ11CN**
		Dilution Factor: 1		Analysis Time..: 14:46	MDL.....: 13	

Prep Batch #...: 5081131

Mercury	ND	0.20	ug/L	SW846 7470A	03/24/05	G6FJ11CL
		Dilution Factor: 1		Analysis Time..: 20:32	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915M

DISSOLVED Metals

Lot-Sample #...: D5C170217-003
Date Sampled...: 03/16/05 10:30 Date Received..: 03/17/05

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5077499						
Calcium	**51000**	**200**	**ug/L**	**SW846 6010B**	**03/22-03/24/05**	**G6FJ11A6**
		Dilution Factor: 1		Analysis Time..: 01:24	MDL.....: 96	
Magnesium	**14000**	**200**	**ug/L**	**SW846 6010B**	**03/22-03/24/05**	**G6FJ11A7**
		Dilution Factor: 1		Analysis Time..: 01:24	MDL.....: 17	
Sodium	**31000**	**5000**	**ug/L**	**SW846 6010B**	**03/22-03/24/05**	**G6FJ11A8**
		Dilution Factor: 1		Analysis Time..: 01:24	MDL.....: 1400	
Potassium	**3600 B**	**5000**	**ug/L**	**SW846 6010B**	**03/22-03/24/05**	**G6FJ11A9**
		Dilution Factor: 1		Analysis Time..: 01:24	MDL.....: 250	
Iron	ND	100	ug/L	SW846 6010B	03/22-03/24/05	G6FJ11AD
		Dilution Factor: 1		Analysis Time..: 01:24	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916L

TOTAL Metals

Lot-Sample #...: D5C170217-004
Date Sampled...: 03/16/05 13:00 **Date Received..:** 03/17/05
Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5077493						
Manganese	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21AU
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 1.9	
Barium	**96 B**	**100**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ21AV**
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 2.1	
Potassium	**4300 B**	**5000**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ21A4**
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 250	
Silver	**0.90 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ21AK**
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21AL
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CA
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CC
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CD
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CE
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 1.6	
Nickel	ND	40	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CF
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CG
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CH
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CJ
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4916L

TOTAL Metals

Lot-Sample #...: D5C170217-004

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CK
		Dilution Factor: 1		Analysis Time..: 20:04	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6FJ21CM
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 0.83	
Boron	**170**	**100**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6FJ21CN**
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 13	

Prep Batch #...: 5081131

Mercury	**0.048 B**	**0.20**	**ug/L**	**SW846 7470A**	**03/24/05**	**G6FJ21CL**
		Dilution Factor: 1		Analysis Time..: 20:34	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916L

DISSOLVED Metals

Lot-Sample #...: D5C170217-004
Date Sampled...: 03/16/05 13:00 Date Received..: 03/17/05

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5077499						
Calcium	68000	200	ug/L	SW846 6010B	03/22-03/24/05	G6FJ21A6
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 96	
Magnesium	18000	200	ug/L	SW846 6010B	03/22-03/24/05	G6FJ21A7
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 17	
Sodium	34000	5000	ug/L	SW846 6010B	03/22-03/24/05	G6FJ21A8
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 1400	
Potassium	4700 B	5000	ug/L	SW846 6010B	03/22-03/24/05	G6FJ21A9
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 250	
Iron	ND	100	ug/L	SW846 6010B	03/22-03/24/05	G6FJ21AD
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915D

General Chemistry

Lot-Sample #...: D5C170217-002 Work Order #...: G6FHV Matrix.....: WATER
Date Sampled...: 03/16/05 08:00 Date Received..: 03/17/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	170	5.0	mg/L	MCAWW 310.1	03/22/05	5081605
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1		Analysis Time..: 08:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/22/05	5081606
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	13	8.0	mg/L	MCAWW 410.4	03/28/05	5087554
		Dilution Factor: 1		Analysis Time..: 13:40	MDL.....: 4.0	
Chloride	15	3.0	mg/L	MCAWW 300.0A	03/17/05	5077406
		Dilution Factor: 1		Analysis Time..: 15:46	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	0.70 B	1.0	mg/L	MCAWW 300.0A	03/17/05	5077409
		Dilution Factor: 1		Analysis Time..: 15:46	MDL.....: 0.10	
Nitrate	1.1	0.50	mg/L	MCAWW 300.0A	03/17/05	5077407
		Dilution Factor: 1		Analysis Time..: 15:46	MDL.....: 0.020	
Specific Conductance	480	2.0	umhos/cm	MCAWW 120.1	03/18/05	5077444
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....:	
Sulfate	44	5.0	mg/L	MCAWW 300.0A	03/17/05	5077408
		Dilution Factor: 1		Analysis Time..: 15:46	MDL.....: 0.10	
Total Alkalinity	170	5.0	mg/L	MCAWW 310.1	03/22/05	5081604
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Total Dissolved Solids	280	10	mg/L	MCAWW 160.1	03/23/05	5082540
		Dilution Factor: 1		Analysis Time..: 18:35	MDL.....: 3.6	
Total Organic Carbon	1.6	1.0	mg/L	MCAWW 415.1	03/23/05	5083169
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 0.27	

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Waste Management, Inc.

Client Sample ID: 4915D

General Chemistry

Lot-Sample #...: D5C170217-002 **Work Order #...:** G6FHV **Matrix.....:** WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon 2	**1.7**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/23/05**	**5083169**
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 0.27	
Total Organic Halogens	ND	30	ug/L	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 7.7	
Total Organic Halogens 2	ND	30	ug/L	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 7.7	
Total Sulfide	**1.1 B**	**4.0**	**mg/L**	**SW846 9030B/9034**	**03/22/05**	**5082453**
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915M

General Chemistry

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ1 **Matrix.....:** WATER
Date Sampled...: 03/16/05 10:30 **Date Received..:** 03/17/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**170**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/22/05**	**5081605**
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	**1.6 B**	**2.0**	**mg/L**	**MCAWW 405.1**	**03/17/05**	**5076382**
		Dilution Factor: 1		Analysis Time..: 08:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/22/05	5081606
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	**9.4**	**8.0**	**mg/L**	**MCAWW 410.4**	**03/28/05**	**5087554**
		Dilution Factor: 1		Analysis Time..: 13:40	MDL.....: 4.0	
Chloride	**18**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077406**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.63 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077409**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.10	
Nitrate	**0.96**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077407**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.020	
Specific Conductance	**490**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/18/05**	**5077444**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....:	
Sulfate	**49**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077408**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.10	
Total Alkalinity	**170**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/22/05**	**5081604**
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Total Dissolved Solids	**290**	**10**	**mg/L**	**MCAWW 160.1**	**03/23/05**	**5082540**
		Dilution Factor: 1		Analysis Time..: 18:35	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: 4915M

General Chemistry

Lot-Sample #...: D5C170217-003 **Work Order #...:** G6FJ1 **Matrix.....:** WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**1.3**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/23/05**	**5083169**
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 0.27	
Total Organic Carbon 2	**1.3**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/23/05**	**5083169**
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 0.27	
Total Organic Halogens	ND	30	ug/L	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 7.7	
Total Organic Halogens 2	ND	30	ug/L	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/22/05	5082453
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916L

General Chemistry

Lot-Sample #...: D5C170217-004 **Work Order #...:** G6FJ2 **Matrix.....:** WATER
Date Sampled...: 03/16/05 13:00 **Date Received..:** 03/17/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**180**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/22/05**	**5081605**
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1		Analysis Time..: 08:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/22/05	5081606
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	**9.0**	**8.0**	**mg/L**	**MCAWW 410.4**	**03/28/05**	**5087554**
		Dilution Factor: 1		Analysis Time..: 13:40	MDL.....: 4.0	
Chloride	**33**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077406**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.51 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077409**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 0.10	
Nitrate	**2.3**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077407**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 0.020	
Specific Conductance	**620**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/18/05**	**5077444**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....:	
Sulfate	**68 Q**	**25**	**mg/L**	**MCAWW 300.0A**	**03/17/05**	**5077408**
		Dilution Factor: 5		Analysis Time..: 17:48	MDL.....: 0.50	
Total Alkalinity	**180**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/22/05**	**5081604**
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.85	
Total Dissolved Solids	**370**	**10**	**mg/L**	**MCAWW 160.1**	**03/23/05**	**5082540**
		Dilution Factor: 1		Analysis Time..: 18:35	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: 4916L

General Chemistry

Lot-Sample #...: D5C170217-004 Work Order #...: G6FJ2 Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.90 B	1.0	mg/L	MCAWW 415.1	03/23/05	5083169
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 0.27	
Total Organic Carbon 2	0.92 B	1.0	mg/L	MCAWW 415.1	03/23/05	5083169
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 0.27	
Total Organic Halogens	23 B	30	ug/L	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 7.7	
Total Organic Halogens 2	23 B	30	ug/L	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/22/05	5082453
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

QC DATA ASSOCIATION SUMMARY

D5C170217

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		5083576	5083346
002	WATER	MCAWW 120.1		5077444	5080308
	WATER	MCAWW 160.1		5082540	5086028
	WATER	MCAWW 310.1		5081606	
	WATER	MCAWW 405.1		5076382	5081278
	WATER	MCAWW 300.0A		5077406	5082274
	WATER	MCAWW 300.0A		5077408	5082283
	WATER	MCAWW 300.0A		5077409	5082267
	WATER	MCAWW 300.0A		5077407	5082280
	WATER	MCAWW 415.1		5083169	5083109
	WATER	SW846 9020B		5081140	5081086
	WATER	SW846 7470A		5081131	5081091
	WATER	SW846 8260B		5083576	5083346
	WATER	SW846 8270C		5080371	
	WATER	SW846 6010B		5077493	5077317
	WATER	SW846 6010B		5077499	5077323
	WATER	SW846 9012A		5081557	5081332
	WATER	SW846 9030B/9034		5082453	
	WATER	MCAWW 310.1		5081605	
	WATER	MCAWW 310.1		5081604	5081376
	WATER	MCAWW 410.4		5087554	5087307
003	WATER	MCAWW 120.1		5077444	5080308
	WATER	MCAWW 160.1		5082540	5086028
	WATER	MCAWW 310.1		5081606	
	WATER	MCAWW 405.1		5076382	5081278
	WATER	MCAWW 300.0A		5077406	5082274
	WATER	MCAWW 300.0A		5077408	5082283
	WATER	MCAWW 300.0A		5077409	5082267
	WATER	MCAWW 300.0A		5077407	5082280
	WATER	MCAWW 415.1		5083169	5083109
	WATER	SW846 9020B		5082090	5082053
	WATER	SW846 7470A		5081131	5081091
	WATER	SW846 8260B		5083576	5083346
	WATER	SW846 8270C		5080371	
	WATER	SW846 6010B		5077493	5077317
	WATER	SW846 6010B		5077499	5077323
	WATER	SW846 9012A		5081557	5081332
	WATER	SW846 9030B/9034		5082453	
	WATER	MCAWW 310.1		5081605	
	WATER	MCAWW 310.1		5081604	5081376
	WATER	MCAWW 410.4		5087554	5087307

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D5C170217

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
004	WATER	MCAWW 120.1		5077444	5080308
	WATER	MCAWW 160.1		5082540	5086028
	WATER	MCAWW 310.1		5081606	
	WATER	MCAWW 405.1		5076382	5081278
	WATER	MCAWW 300.0A		5077406	5082274
	WATER	MCAWW 300.0A		5077408	5082283
	WATER	MCAWW 300.0A		5077409	5082267
	WATER	MCAWW 300.0A		5077407	5082280
	WATER	MCAWW 415.1		5083169	5083109
	WATER	SW846 9020B		5082090	5082053
	WATER	SW846 7470A		5081131	5081091
	WATER	SW846 8260B		5083576	5083346
	WATER	SW846 8270C		5080371	
	WATER	SW846 6010B		5077493	5077317
	WATER	SW846 6010B		5077499	5077323
	WATER	SW846 9012A		5081557	5081332
	WATER	SW846 9030B/9034		5082453	
	WATER	MCAWW 310.1		5081605	
	WATER	MCAWW 310.1		5081604	5081376
	WATER	MCAWW 410.4		5087554	5087307

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C170217 **Work Order #...:** G61FE1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C240000-576

Prep Date.....: 03/23/05 **Analysis Time..:** 17:52
Analysis Date..: 03/23/05 **Prep Batch #...:** 5083576
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	34	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	**0.88 J**	**5.0**	**ug/L**	**SW846 8260B**
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B
Bromochloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C170217 **Work Order #...:** G61FE1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Iodomethane	ND	10	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 118)
1,2-Dichloroethane-d4	112	(62 - 128)
4-Bromofluorobenzene	112	(78 - 118)
Toluene-d8	102	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C170217 **Work Order #...:** G61FE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C240000-576
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 17:30
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**124**	**(66 - 132)**	**SW846 8260B**
Benzene	**113**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**112**	**(78 - 118)**	**SW846 8260B**
Toluene	**104**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**111**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
1,2-Dichloroethane-d4	106	(62 - 128)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	94	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C170217 **Work Order #...:** G61FE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C240000-576
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 17:30
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**12.4**	**ug/L**	**124**	**SW846 8260B**
Benzene	**10.0**	**11.3**	**ug/L**	**113**	**SW846 8260B**
Chlorobenzene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**10.0**	**11.1**	**ug/L**	**111**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
1,2-Dichloroethane-d4	106	(62 - 128)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	94	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C170217 **Work Order #...:** G6FX61DQ-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C170278-001 G6FX61DR-MSD
Date Sampled...: 03/15/05 15:45 **Date Received..:** 03/17/05
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 19:36
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**125**	**(66 - 132)**			**SW846 8260B**
	123	**(66 - 132)**	**1.1**	**(0-26)**	**SW846 8260B**
Benzene	**111**	**(75 - 120)**			**SW846 8260B**
	111	**(75 - 120)**	**0.24**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**113**	**(78 - 118)**			**SW846 8260B**
	113	**(78 - 118)**	**0.53**	**(0-20)**	**SW846 8260B**
Toluene	**107**	**(78 - 118)**			**SW846 8260B**
	105	**(78 - 118)**	**2.1**	**(0-22)**	**SW846 8260B**
Trichloroethene	**109**	**(79 - 122)**			**SW846 8260B**
	108	**(79 - 122)**	**0.48**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 118)
	99	(73 - 118)
1,2-Dichloroethane-d4	105	(62 - 128)
	107	(62 - 128)
4-Bromofluorobenzene	107	(78 - 118)
	106	(78 - 118)
Toluene-d8	97	(77 - 117)
	98	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C170217 **Work Order #...:** G6FX61DQ-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C170278-001 G6FX61DR-MSD
Date Sampled...: 03/15/05 15:45 **Date Received..:** 03/17/05
Prep Date.....: 03/23/05 **Analysis Date..:** 03/23/05
Prep Batch #...: 5083576 **Analysis Time..:** 19:36
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**10.0**	**12.5**	**ug/L**	**125**		**SW846 8260B**
	ND	**10.0**	**12.3**	**ug/L**	**123**	**1.1**	**SW846 8260B**
Benzene	**ND**	**10.0**	**11.1**	**ug/L**	**111**		**SW846 8260B**
	ND	**10.0**	**11.1**	**ug/L**	**111**	**0.24**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**11.3**	**ug/L**	**113**		**SW846 8260B**
	ND	**10.0**	**11.3**	**ug/L**	**113**	**0.53**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	ND	**10.0**	**10.5**	**ug/L**	**105**	**2.1**	**SW846 8260B**
Trichloroethene	**0.38**	**10.0**	**11.3**	**ug/L**	**109**		**SW846 8260B**
	0.38	**10.0**	**11.2**	**ug/L**	**108**	**0.48**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 118)
	99	(73 - 118)
1,2-Dichloroethane-d4	105	(62 - 128)
	107	(62 - 128)
4-Bromofluorobenzene	107	(78 - 118)
	106	(78 - 118)
Toluene-d8	97	(77 - 117)
	98	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C170217 **Work Order #...:** G6NAD1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C210000-371

Prep Date.....: 03/21/05 **Analysis Time..:** 19:51

Analysis Date..: 03/25/05 **Prep Batch #...:** 5080371
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C170217 **Work Order #...:** G6NAD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C170217 **Work Order #...:** G6NAD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(33 - 106)
Phenol-d5	81	(40 - 105)
Nitrobenzene-d5	80	(48 - 108)
2-Fluorobiphenyl	77	(39 - 93)
2,4,6-Tribromophenol	76	(31 - 122)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C170217 **Work Order #...:** G6NAD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	101	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C170217 **Work Order #...:** G6NAD1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C210000-371
Prep Date.....: 03/21/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5080371 **Analysis Time..:** 20:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**78**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**69**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**83**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**78**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**83**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**74**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**73**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**76**	**(41 - 113)**	**SW846 8270C**
Phenol	**80**	**(57 - 103)**	**SW846 8270C**
Pyrene	**96**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**70**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(55 - 95)
Phenol-d5	81	(58 - 97)
Nitrobenzene-d5	79	(55 - 100)
2-Fluorobiphenyl	76	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	101	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C170217 **Work Order #...:** G6NAD1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C210000-371
Prep Date.....: 03/21/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5080371 **Analysis Time..:** 20:14
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**78.4**	**ug/L**	**78**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**68.6**	**ug/L**	**69**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**125**	**ug/L**	**83**	**SW846 8270C**
2-Chlorophenol	**150**	**116**	**ug/L**	**78**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**82.9**	**ug/L**	**83**	**SW846 8270C**
4-Nitrophenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**72.8**	**ug/L**	**73**	**SW846 8270C**
Pentachlorophenol	**150**	**114**	**ug/L**	**76**	**SW846 8270C**
Phenol	**150**	**120**	**ug/L**	**80**	**SW846 8270C**
Pyrene	**100**	**96.4**	**ug/L**	**96**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**69.8**	**ug/L**	**70**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(55 - 95)
Phenol-d5	81	(58 - 97)
Nitrobenzene-d5	79	(55 - 100)
2-Fluorobiphenyl	76	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	101	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C180000-493 **Prep Batch #...:** 5077493						
Manganese	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1CA
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Barium	ND	100	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AD
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Potassium	ND	5000	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AQ
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Silver	**0.73 B**	**10**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6KTL1AA**
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Arsenic	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AC
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AE
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Cobalt	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1CC
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Chromium	**1.6 B**	**10**	**ug/L**	**SW846 6010B**	**03/19-03/21/05**	**G6KTL1AF**
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Copper	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AG
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Nickel	ND	40	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1CD
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Lead	ND	3.0	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AH
		Dilution Factor: 1				
		Analysis Time..: 19:34				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1CE
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Selenium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AJ
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Zinc	ND	20	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1AK
		Dilution Factor: 1				
		Analysis Time..: 19:34				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1CF
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Boron	ND	100	ug/L	SW846 6010B	03/19-03/21/05	G6KTL1CG
		Dilution Factor: 1				
		Analysis Time..: 14:00				

MB Lot-Sample #: D5C220000-131 **Prep Batch #...:** 5081131

Mercury	ND	0.20	ug/L	SW846 7470A	03/24/05	G6PM01AA
		Dilution Factor: 1				
		Analysis Time..: 20:20				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C180000-493 **Prep Batch #...:** 5077493					
Manganese	100	(90 - 110)	SW846 6010B	03/19-03/21/05	G6KTL1CJ
		Dilution Factor: 1	Analysis Time..: 19:39		
Barium	100	(93 - 113)	SW846 6010B	03/19-03/21/05	G6KTL1AV
		Dilution Factor: 1	Analysis Time..: 19:39		
Potassium	101	(86 - 111)	SW846 6010B	03/19-03/21/05	G6KTL1A8
		Dilution Factor: 1	Analysis Time..: 14:05		
Silver	103	(85 - 114)	SW846 6010B	03/19-03/21/05	G6KTL1AT
		Dilution Factor: 1	Analysis Time..: 19:39		
Arsenic	102	(89 - 109)	SW846 6010B	03/19-03/21/05	G6KTL1AU
		Dilution Factor: 1	Analysis Time..: 19:39		
Cadmium	101	(89 - 110)	SW846 6010B	03/19-03/21/05	G6KTL1AW
		Dilution Factor: 1	Analysis Time..: 19:39		
Cobalt	99	(86 - 107)	SW846 6010B	03/19-03/21/05	G6KTL1CK
		Dilution Factor: 1	Analysis Time..: 19:39		
Chromium	102	(89 - 112)	SW846 6010B	03/19-03/21/05	G6KTL1AX
		Dilution Factor: 1	Analysis Time..: 19:39		
Copper	98	(86 - 110)	SW846 6010B	03/19-03/21/05	G6KTL1A0
		Dilution Factor: 1	Analysis Time..: 19:39		
Nickel	101	(90 - 110)	SW846 6010B	03/19-03/21/05	G6KTL1CL
		Dilution Factor: 1	Analysis Time..: 19:39		
Lead	100	(91 - 111)	SW846 6010B	03/19-03/21/05	G6KTL1A1
		Dilution Factor: 1	Analysis Time..: 19:39		
Antimony	102	(88 - 108)	SW846 6010B	03/19-03/21/05	G6KTL1CM
		Dilution Factor: 1	Analysis Time..: 19:39		
Selenium	103	(88 - 110)	SW846 6010B	03/19-03/21/05	G6KTL1A2
		Dilution Factor: 1	Analysis Time..: 19:39		
Zinc	99	(85 - 110)	SW846 6010B	03/19-03/21/05	G6KTL1A3
		Dilution Factor: 1	Analysis Time..: 19:39		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	101	(88 - 112)	SW846 6010B	03/19-03/21/05	G6KTL1CN
		Dilution Factor: 1	Analysis Time..: 14:05		
Boron	101	(89 - 110)	SW846 6010B	03/19-03/21/05	G6KTL1CP
		Dilution Factor: 1	Analysis Time..: 14:05		

LCS Lot-Sample#: D5C220000-131 **Prep Batch #...:** 5081131

Mercury	104	(85 - 114)	SW846 7470A	03/24/05	G6PM01AC
		Dilution Factor: 1	Analysis Time..: 20:22		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

LCS Lot-Sample#: D5C180000-493 **Prep Batch #...:** 5077493

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	501	ug/L	100	SW846 6010B	03/19-03/21/05	G6KTL1CJ
			Dilution Factor: 1		Analysis Time..: 19:39		
Barium	2000	2010	ug/L	100	SW846 6010B	03/19-03/21/05	G6KTL1AV
			Dilution Factor: 1		Analysis Time..: 19:39		
Potassium	50000	50300	ug/L	101	SW846 6010B	03/19-03/21/05	G6KTL1A8
			Dilution Factor: 1		Analysis Time..: 14:05		
Silver	50.0	51.6	ug/L	103	SW846 6010B	03/19-03/21/05	G6KTL1AT
			Dilution Factor: 1		Analysis Time..: 19:39		
Arsenic	2000	2040	ug/L	102	SW846 6010B	03/19-03/21/05	G6KTL1AU
			Dilution Factor: 1		Analysis Time..: 19:39		
Cadmium	50.0	50.3	ug/L	101	SW846 6010B	03/19-03/21/05	G6KTL1AW
			Dilution Factor: 1		Analysis Time..: 19:39		
Cobalt	500	497	ug/L	99	SW846 6010B	03/19-03/21/05	G6KTL1CK
			Dilution Factor: 1		Analysis Time..: 19:39		
Chromium	200	204	ug/L	102	SW846 6010B	03/19-03/21/05	G6KTL1AX
			Dilution Factor: 1		Analysis Time..: 19:39		
Copper	250	244	ug/L	98	SW846 6010B	03/19-03/21/05	G6KTL1A0
			Dilution Factor: 1		Analysis Time..: 19:39		
Nickel	500	506	ug/L	101	SW846 6010B	03/19-03/21/05	G6KTL1CL
			Dilution Factor: 1		Analysis Time..: 19:39		
Lead	500	502	ug/L	100	SW846 6010B	03/19-03/21/05	G6KTL1A1
			Dilution Factor: 1		Analysis Time..: 19:39		
Antimony	500	508	ug/L	102	SW846 6010B	03/19-03/21/05	G6KTL1CM
			Dilution Factor: 1		Analysis Time..: 19:39		
Selenium	2000	2070	ug/L	103	SW846 6010B	03/19-03/21/05	G6KTL1A2
			Dilution Factor: 1		Analysis Time..: 19:39		
Zinc	500	495	ug/L	99	SW846 6010B	03/19-03/21/05	G6KTL1A3
			Dilution Factor: 1		Analysis Time..: 19:39		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	50.0	50.7	ug/L	101	SW846 6010B	03/19-03/21/05	G6KTL1CN
			Dilution Factor: 1		Analysis Time..: 14:05		
Boron	1000	1010	ug/L	101	SW846 6010B	03/19-03/21/05	G6KTL1CP
			Dilution Factor: 1		Analysis Time..: 14:05		

LCS Lot-Sample#: D5C220000-131 **Prep Batch #...:** 5081131

Mercury	5.00	5.22	ug/L	104	SW846 7470A	03/24/05	G6PM01AC
			Dilution Factor: 1		Analysis Time..: 20:22		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/15/05 15:45 **Date Received..:** 03/17/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C170278-001 **Prep Batch #...:** 5077493							
Manganese	103	(79 - 121)			SW846 6010B	03/19-03/21/05	G6FX61C3
	101	(79 - 121)	1.6	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61C4
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Barium	103	(85 - 120)			SW846 6010B	03/19-03/21/05	G6FX61A6
	101	(85 - 120)	1.9	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61A7
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Potassium	100	(76 - 132)			SW846 6010B	03/19-03/21/05	G6FX61CW
	101	(76 - 132)	1.0	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61CX
		Dilution Factor: 1					
		Analysis Time..: 14:20					
Silver	104	(75 - 141)			SW846 6010B	03/19-03/21/05	G6FX61A2
	102	(75 - 141)	1.3	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61A3
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Arsenic	104	(84 - 124)			SW846 6010B	03/19-03/21/05	G6FX61A4
	102	(84 - 124)	1.4	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61A5
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Cadmium	103	(82 - 119)			SW846 6010B	03/19-03/21/05	G6FX61A8
	102	(82 - 119)	1.1	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61A9
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Cobalt	101	(82 - 119)			SW846 6010B	03/19-03/21/05	G6FX61C6
	100	(82 - 119)	1.4	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61C7
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Chromium	105	(73 - 135)			SW846 6010B	03/19-03/21/05	G6FX61CA
	103	(73 - 135)	1.3	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61CC
		Dilution Factor: 1					
		Analysis Time..: 20:28					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/15/05 15:45 **Date Received..:** 03/17/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	100	(82 - 129)			SW846 6010B	03/19-03/21/05	G6FX61CD
	99	(82 - 129)	1.5	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61CE
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Nickel	103	(84 - 120)			SW846 6010B	03/19-03/21/05	G6FX61C9
	102	(84 - 120)	1.3	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61DA
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Lead	103	(89 - 121)			SW846 6010B	03/19-03/21/05	G6FX61CF
	101	(89 - 121)	1.7	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61CG
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Antimony	103	(81 - 124)			SW846 6010B	03/19-03/21/05	G6FX61DD
	102	(81 - 124)	1.8	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61DE
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Selenium	104	(71 - 140)			SW846 6010B	03/19-03/21/05	G6FX61CH
	103	(71 - 140)	1.4	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61CJ
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Zinc	101	(60 - 137)			SW846 6010B	03/19-03/21/05	G6FX61CK
	100	(60 - 137)	1.2	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61CL
		Dilution Factor: 1					
		Analysis Time..: 20:28					
Beryllium	101	(79 - 121)			SW846 6010B	03/19-03/21/05	G6FX61DG
	102	(79 - 121)	1.7	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61DH
		Dilution Factor: 1					
		Analysis Time..: 14:20					
Boron	102	(87 - 113)			SW846 6010B	03/19-03/21/05	G6FX61DK
	101	(87 - 113)	0.33	(0-25)	SW846 6010B	03/19-03/21/05	G6FX61DL
		Dilution Factor: 1					
		Analysis Time..: 14:20					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/15/05 15:45 **Date Received..:** 03/17/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C170278-001 **Prep Batch #...:** 5077493									
Manganese									
	39	500	552	ug/L	103		SW846 6010B	03/19-03/21/05	G6FX61C3
	39	500	544	ug/L	101	1.6	SW846 6010B	03/19-03/21/05	G6FX61C4
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Barium									
	13	2000	2080	ug/L	103		SW846 6010B	03/19-03/21/05	G6FX61A6
	13	2000	2040	ug/L	101	1.9	SW846 6010B	03/19-03/21/05	G6FX61A7
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Potassium									
	710	50000	50700	ug/L	100		SW846 6010B	03/19-03/21/05	G6FX61CW
	710	50000	51200	ug/L	101	1.0	SW846 6010B	03/19-03/21/05	G6FX61CX
			Dilution Factor: 1						
			Analysis Time..: 14:20						
Silver									
	0.65	50.0	52.5	ug/L	104		SW846 6010B	03/19-03/21/05	G6FX61A2
	0.65	50.0	51.8	ug/L	102	1.3	SW846 6010B	03/19-03/21/05	G6FX61A3
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Arsenic									
	ND	2000	2080	ug/L	104		SW846 6010B	03/19-03/21/05	G6FX61A4
	ND	2000	2050	ug/L	102	1.4	SW846 6010B	03/19-03/21/05	G6FX61A5
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Cadmium									
	ND	50.0	51.5	ug/L	103		SW846 6010B	03/19-03/21/05	G6FX61A8
	ND	50.0	50.9	ug/L	102	1.1	SW846 6010B	03/19-03/21/05	G6FX61A9
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Cobalt									
	ND	500	508	ug/L	101		SW846 6010B	03/19-03/21/05	G6FX61C6
	ND	500	500	ug/L	100	1.4	SW846 6010B	03/19-03/21/05	G6FX61C7
			Dilution Factor: 1						
			Analysis Time..: 20:28						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/15/05 15:45 **Date Received..:** 03/17/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	ND	200	210	ug/L	105		SW846 6010B	03/19-03/21/05	G6FX61CA
	ND	200	207	ug/L	103	1.3	SW846 6010B	03/19-03/21/05	G6FX61CC
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Copper									
	ND	250	251	ug/L	100		SW846 6010B	03/19-03/21/05	G6FX61CD
	ND	250	247	ug/L	99	1.5	SW846 6010B	03/19-03/21/05	G6FX61CE
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Nickel									
	ND	500	516	ug/L	103		SW846 6010B	03/19-03/21/05	G6FX61C9
	ND	500	509	ug/L	102	1.3	SW846 6010B	03/19-03/21/05	G6FX61DA
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Lead									
	1.6	500	517	ug/L	103		SW846 6010B	03/19-03/21/05	G6FX61CF
	1.6	500	508	ug/L	101	1.7	SW846 6010B	03/19-03/21/05	G6FX61CG
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Antimony									
	ND	500	517	ug/L	103		SW846 6010B	03/19-03/21/05	G6FX61DD
	ND	500	508	ug/L	102	1.8	SW846 6010B	03/19-03/21/05	G6FX61DE
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Selenium									
	ND	2000	2080	ug/L	104		SW846 6010B	03/19-03/21/05	G6FX61CH
	ND	2000	2060	ug/L	103	1.4	SW846 6010B	03/19-03/21/05	G6FX61CJ
			Dilution Factor: 1						
			Analysis Time..: 20:28						
Zinc									
	10	500	517	ug/L	101		SW846 6010B	03/19-03/21/05	G6FX61CK
	10	500	511	ug/L	100	1.2	SW846 6010B	03/19-03/21/05	G6FX61CL
			Dilution Factor: 1						
			Analysis Time..: 20:28						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/15/05 15:45 **Date Received..:** 03/17/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	ND	50.0	50.4	ug/L	101		SW846 6010B	03/19-03/21/05	G6FX61DG
	ND	50.0	51.2	ug/L	102	1.7	SW846 6010B	03/19-03/21/05	G6FX61DH
			Dilution Factor: 1						
			Analysis Time..: 14:20						
Boron									
	ND	1000	1020	ug/L	102		SW846 6010B	03/19-03/21/05	G6FX61DK
	ND	1000	1010	ug/L	101	0.33	SW846 6010B	03/19-03/21/05	G6FX61DL
			Dilution Factor: 1						
			Analysis Time..: 14:20						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/16/05 08:00 **Date Received..:** 03/17/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C170217-002 **Prep Batch #...:** 5081131							
Mercury	102	(85 - 114)			SW846 7470A	03/24/05	G6FHV1CR
	104	(85 - 114)	2.0	(0-10)	SW846 7470A	03/24/05	G6FHV1CT
		Dilution Factor: 1					
		Analysis Time..: 20:25					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/16/05 08:00 **Date Received..:** 03/17/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C170217-002 **Prep Batch #...:** 5081131									
Mercury									
	0.063	5.00	5.16	ug/L	102		SW846 7470A	03/24/05	G6FHV1CR
	0.063	5.00	5.27	ug/L	104	2.0	SW846 7470A	03/24/05	G6FHV1CT

Dilution Factor: 1
Analysis Time..: 20:25

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C180000-499 **Prep Batch #...:** 5077499						
Calcium	ND	200	ug/L	SW846 6010B	03/22-03/24/05	G6KT51AF
		Dilution Factor: 1				
		Analysis Time..: 00:38				
Magnesium	ND	200	ug/L	SW846 6010B	03/22-03/24/05	G6KT51AM
		Dilution Factor: 1				
		Analysis Time..: 00:38				
Sodium	ND	5000	ug/L	SW846 6010B	03/22-03/24/05	G6KT51AQ
		Dilution Factor: 1				
		Analysis Time..: 00:38				
Potassium	ND	5000	ug/L	SW846 6010B	03/22-03/24/05	G6KT51AL
		Dilution Factor: 1				
		Analysis Time..: 00:38				
Iron	ND	100	ug/L	SW846 6010B	03/22-03/24/05	G6KT51CH
		Dilution Factor: 1				
		Analysis Time..: 00:38				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C180000-499 **Prep Batch #...:** 5077499					
Calcium	102	(89 - 110)	SW846 6010B	03/22-03/24/05	G6KT51A2
		Dilution Factor: 1	Analysis Time..: 00:43		
Magnesium	104	(91 - 111)	SW846 6010B	03/22-03/24/05	G6KT51A8
		Dilution Factor: 1	Analysis Time..: 00:43		
Sodium	106	(91 - 112)	SW846 6010B	03/22-03/24/05	G6KT51CC
		Dilution Factor: 1	Analysis Time..: 00:43		
Potassium	107	(86 - 111)	SW846 6010B	03/22-03/24/05	G6KT51A7
		Dilution Factor: 1	Analysis Time..: 00:43		
Iron	105	(88 - 110)	SW846 6010B	03/22-03/24/05	G6KT51CL
		Dilution Factor: 1	Analysis Time..: 00:43		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C180000-499 **Prep Batch #...:** 5077499							
Calcium	50000	50900	ug/L	102	SW846 6010B	03/22-03/24/05	G6KT51A2
			Dilution Factor: 1		Analysis Time..: 00:43		
Magnesium	50000	51800	ug/L	104	SW846 6010B	03/22-03/24/05	G6KT51A8
			Dilution Factor: 1		Analysis Time..: 00:43		
Sodium	50000	53000	ug/L	106	SW846 6010B	03/22-03/24/05	G6KT51CC
			Dilution Factor: 1		Analysis Time..: 00:43		
Potassium	50000	53700	ug/L	107	SW846 6010B	03/22-03/24/05	G6KT51A7
			Dilution Factor: 1		Analysis Time..: 00:43		
Iron	1000	1050	ug/L	105	SW846 6010B	03/22-03/24/05	G6KT51CL
			Dilution Factor: 1		Analysis Time..: 00:43		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/17/05 10:35 **Date Received..:** 03/17/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C170332-002 **Prep Batch #...:** 5077499							
Calcium	95	(48 - 153)			SW846 6010B	03/22-03/24/05	G6GGG1C3
	95	(48 - 153)	0.01	(0-25)	SW846 6010B	03/22-03/24/05	G6GGG1C4
		Dilution Factor: 1					
		Analysis Time..: 00:58					
Magnesium	103	(62 - 146)			SW846 6010B	03/22-03/24/05	G6GGG1DG
	103	(62 - 146)	0.09	(0-25)	SW846 6010B	03/22-03/24/05	G6GGG1DH
		Dilution Factor: 1					
		Analysis Time..: 00:58					
Sodium	102	(70 - 203)			SW846 6010B	03/22-03/24/05	G6GGG1DN
	102	(70 - 203)	0.0	(0-40)	SW846 6010B	03/22-03/24/05	G6GGG1DP
		Dilution Factor: 1					
		Analysis Time..: 00:58					
Potassium	108	(76 - 132)			SW846 6010B	03/22-03/24/05	G6GGG1DE
	108	(76 - 132)	0.01	(0-25)	SW846 6010B	03/22-03/24/05	G6GGG1DF
		Dilution Factor: 1					
		Analysis Time..: 00:58					
Iron	98	(52 - 155)			SW846 6010B	03/22-03/24/05	G6GGG1D2
	97	(52 - 155)	0.12	(0-25)	SW846 6010B	03/22-03/24/05	G6GGG1D3
		Dilution Factor: 1					
		Analysis Time..: 00:58					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/17/05 10:35 **Date Received..:** 03/17/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C170332-002 **Prep Batch #...:** 5077499									
Calcium									
	150000	50000	200000	ug/L	95		SW846 6010B	03/22-03/24/05	G6GGG1C3
	150000	50000	199000	ug/L	95	0.01	SW846 6010B	03/22-03/24/05	G6GGG1C4
			Dilution Factor: 1						
			Analysis Time..: 00:58						
Magnesium									
	76000	50000	128000	ug/L	103		SW846 6010B	03/22-03/24/05	G6GGG1DG
	76000	50000	128000	ug/L	103	0.09	SW846 6010B	03/22-03/24/05	G6GGG1DH
			Dilution Factor: 1						
			Analysis Time..: 00:58						
Sodium									
	94000	50000	145000	ug/L	102		SW846 6010B	03/22-03/24/05	G6GGG1DN
	94000	50000	145000	ug/L	102	0.0	SW846 6010B	03/22-03/24/05	G6GGG1DP
			Dilution Factor: 1						
			Analysis Time..: 00:58						
Potassium									
	8600	50000	62700	ug/L	108		SW846 6010B	03/22-03/24/05	G6GGG1DE
	8600	50000	62700	ug/L	108	0.01	SW846 6010B	03/22-03/24/05	G6GGG1DF
			Dilution Factor: 1						
			Analysis Time..: 00:58						
Iron									
	2200	1000	3180	ug/L	98		SW846 6010B	03/22-03/24/05	G6GGG1D2
	2200	1000	3180	ug/L	97	0.12	SW846 6010B	03/22-03/24/05	G6GGG1D3
			Dilution Factor: 1						
			Analysis Time..: 00:58						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		Work Order #: G6QTC1AA		MB Lot-Sample #:	D5C170000-382	
	ND	2.0	mg/L	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1				
		Analysis Time..: 08:25				
Chemical Oxygen Demand (COD)		Work Order #: G665K1AA		MB Lot-Sample #:	D5C280000-554	
	ND	8.0	mg/L	MCAWW 410.4	03/28/05	5087554
		Dilution Factor: 1				
		Analysis Time..: 13:40				
Chloride		Work Order #: G6V6H1AA		MB Lot-Sample #:	D5C180000-406	
	ND	3.0	mg/L	MCAWW 300.0A	03/17/05	5077406
		Dilution Factor: 1				
		Analysis Time..: 15:01				
Fluoride		Work Order #: G6V5J1AA		MB Lot-Sample #:	D5C180000-409	
	ND	1.0	mg/L	MCAWW 300.0A	03/17/05	5077409
		Dilution Factor: 1				
		Analysis Time..: 15:01				
Nitrate		Work Order #: G6V7K1AA		MB Lot-Sample #:	D5C180000-407	
	ND	0.50	mg/L	MCAWW 300.0A	03/17/05	5077407
		Dilution Factor: 1				
		Analysis Time..: 15:01				
Specific Conductance		Work Order #: G6NTP1AA		MB Lot-Sample #:	D5C180000-444	
	ND	2.0	umhos/cm	MCAWW 120.1	03/18/05	5077444
		Dilution Factor: 1				
		Analysis Time..: 15:30				
Sulfate		Work Order #: G6V7T1AA		MB Lot-Sample #:	D5C180000-408	
	ND	5.0	mg/L	MCAWW 300.0A	03/17/05	5077408
		Dilution Factor: 1				
		Analysis Time..: 15:01				
Total Alkalinity		Work Order #: G6RDR1AA		MB Lot-Sample #:	D5C220000-604	
	ND	5.0	mg/L	MCAWW 310.1	03/22/05	5081604
		Dilution Factor: 1				
		Analysis Time..: 10:14				
Total Cyanide		Work Order #: G6Q7F1AA		MB Lot-Sample #:	D5C220000-557	
	ND	0.010	mg/L	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1				
		Analysis Time..: 14:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: G65JV1AA		MB Lot-Sample #: D5C230000-540		
	ND	10	mg/L	MCAWW 160.1	03/23/05	5082540
		Dilution Factor: 1				
		Analysis Time..: 18:35				
Total Organic Halogens		Work Order #: G6PLW1AA		MB Lot-Sample #: D5C220000-140		
	ND	30	ug/L	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Total Organic Halogens		Work Order #: G6RRG1AA		MB Lot-Sample #: D5C230000-090		
	ND	30	ug/L	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Total Organic Carbon		Work Order #: G6W5J1AA		MB Lot-Sample #: D5C240000-169		
	ND	1.0	mg/L	MCAWW 415.1	03/23/05	5083169
		Dilution Factor: 1				
		Analysis Time..: 09:00				
Total Sulfide		Work Order #: G62VW1AA		MB Lot-Sample #: D5C230000-453		
	ND	4.0	mg/L	SW846 9030B/9034	03/22/05	5082453
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C170217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G6QTC1AC-LCS/G6QTC1AD-LCSD LCS Lot-Sample#: D5C170000-382					
	94	(85 - 115)			MCAWW 405.1	03/17/05	5076382
	93	(85 - 115)	1.1	(0-20)	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1			Analysis Time..: 08:25		
Chemical Oxygen Demand (COD)		WO#:G665K1AC-LCS/G665K1AD-LCSD LCS Lot-Sample#: D5C280000-554					
	106	(85 - 115)			MCAWW 410.4	03/28/05	5087554
	106	(85 - 115)	0.33	(0-11)	MCAWW 410.4	03/28/05	5087554
		Dilution Factor: 1			Analysis Time..: 13:40		
Chloride		WO#:G6V6H1AC-LCS/G6V6H1AD-LCSD LCS Lot-Sample#: D5C180000-406					
	95	(90 - 110)			MCAWW 300.0A	03/17/05	5077406
	94	(90 - 110)	1.7	(0-10)	MCAWW 300.0A	03/17/05	5077406
		Dilution Factor: 1			Analysis Time..: 14:31		
Fluoride		WO#:G6V5J1AC-LCS/G6V5J1AD-LCSD LCS Lot-Sample#: D5C180000-409					
	97	(90 - 110)			MCAWW 300.0A	03/17/05	5077409
	96	(90 - 110)	1.3	(0-10)	MCAWW 300.0A	03/17/05	5077409
		Dilution Factor: 1			Analysis Time..: 14:31		
Nitrate		WO#:G6V7K1AC-LCS/G6V7K1AD-LCSD LCS Lot-Sample#: D5C180000-407					
	92	(90 - 110)			MCAWW 300.0A	03/17/05	5077407
	92	(90 - 110)	0.27	(0-10)	MCAWW 300.0A	03/17/05	5077407
		Dilution Factor: 1			Analysis Time..: 14:31		
Specific Conductance		WO#:G6NTP1AC-LCS/G6NTP1AD-LCSD LCS Lot-Sample#: D5C180000-444					
	100	(89 - 109)			MCAWW 120.1	03/18/05	5077444
	100	(89 - 109)	0.56	(0-7.0)	MCAWW 120.1	03/18/05	5077444
		Dilution Factor: 1			Analysis Time..: 15:30		
Sulfate		WO#:G6V7T1AC-LCS/G6V7T1AD-LCSD LCS Lot-Sample#: D5C180000-408					
	94	(90 - 110)			MCAWW 300.0A	03/17/05	5077408
	94	(90 - 110)	0.26	(0-10)	MCAWW 300.0A	03/17/05	5077408
		Dilution Factor: 1			Analysis Time..: 14:31		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C170217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G6RDR1AC-LCS/G6RDR1AD-LCSD				LCS Lot-Sample#: D5C220000-604	
	99	(95 - 110)			MCAWW 310.1	03/22/05	5081604
	101	(95 - 110)	1.8	(0-10)	MCAWW 310.1	03/22/05	5081604
		Dilution Factor: 1			Analysis Time..: 10:14		
Total Dissolved Solids		WO#:G65JV1AC-LCS/G65JV1AD-LCSD				LCS Lot-Sample#: D5C230000-540	
	98	(86 - 106)			MCAWW 160.1	03/23/05	5082540
	99	(86 - 106)	0.40	(0-20)	MCAWW 160.1	03/23/05	5082540
		Dilution Factor: 1			Analysis Time..: 18:35		
Total Organic Halogens		WO#:G6PLW1AC-LCS/G6PLW1AD-LCSD				LCS Lot-Sample#: D5C220000-140	
	105	(75 - 113)			SW846 9020B	03/21/05	5081140
	105	(75 - 113)	0.11	(0-30)	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1			Analysis Time..: 14:00		
Total Organic Halogens		WO#:G6RRG1AC-LCS/G6RRG1AD-LCSD				LCS Lot-Sample#: D5C230000-090	
	97	(75 - 113)			SW846 9020B	03/22/05	5082090
	95	(75 - 113)	1.9	(0-30)	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1			Analysis Time..: 11:00		
Total Organic Carbon		WO#:G6W5J1AC-LCS/G6W5J1AD-LCSD				LCS Lot-Sample#: D5C240000-169	
	98	(89 - 113)			MCAWW 415.1	03/23/05	5083169
	96	(89 - 113)	1.6	(0-10)	MCAWW 415.1	03/23/05	5083169
		Dilution Factor: 1			Analysis Time..: 09:00		
Total Sulfide		WO#:G62VW1AC-LCS/G62VW1AD-LCSD				LCS Lot-Sample#: D5C230000-453	
	74	(70 - 130)			SW846 9030B/9034	03/22/05	5082453
	69 N	(70 - 130)	6.6	(0-20)	SW846 9030B/9034	03/22/05	5082453
		Dilution Factor: 1			Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C170217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G6QTC1AC-LCS/G6QTC1AD-LCSD				LCS Lot-Sample#: D5C170000-382		
	198	186	mg/L	94		MCAWW 405.1	03/17/05	5076382
	198	184	mg/L	93	1.1	MCAWW 405.1	03/17/05	5076382
		Dilution Factor: 1				Analysis Time..: 08:25		
Chemical Oxygen Demand (COD)		WO#:G665K1AC-LCS/G665K1AD-LCSD				LCS Lot-Sample#: D5C280000-554		
	100	106	mg/L	106		MCAWW 410.4	03/28/05	5087554
	100	106	mg/L	106	0.33	MCAWW 410.4	03/28/05	5087554
		Dilution Factor: 1				Analysis Time..: 13:40		
Chloride		WO#:G6V6H1AC-LCS/G6V6H1AD-LCSD				LCS Lot-Sample#: D5C180000-406		
	20.0	19.1	mg/L	95		MCAWW 300.0A	03/17/05	5077406
	20.0	18.8	mg/L	94	1.7	MCAWW 300.0A	03/17/05	5077406
		Dilution Factor: 1				Analysis Time..: 14:31		
Fluoride		WO#:G6V5J1AC-LCS/G6V5J1AD-LCSD				LCS Lot-Sample#: D5C180000-409		
	4.00	3.87	mg/L	97		MCAWW 300.0A	03/17/05	5077409
	4.00	3.82	mg/L	96	1.3	MCAWW 300.0A	03/17/05	5077409
		Dilution Factor: 1				Analysis Time..: 14:31		
Nitrate		WO#:G6V7K1AC-LCS/G6V7K1AD-LCSD				LCS Lot-Sample#: D5C180000-407		
	4.00	3.68	mg/L	92		MCAWW 300.0A	03/17/05	5077407
	4.00	3.69	mg/L	92	0.27	MCAWW 300.0A	03/17/05	5077407
		Dilution Factor: 1				Analysis Time..: 14:31		
Specific Conductance		WO#:G6NTP1AC-LCS/G6NTP1AD-LCSD				LCS Lot-Sample#: D5C180000-444		
	1410	1410	umhos/cm	100		MCAWW 120.1	03/18/05	5077444
	1410	1400	umhos/cm	100	0.56	MCAWW 120.1	03/18/05	5077444
		Dilution Factor: 1				Analysis Time..: 15:30		
Sulfate		WO#:G6V7T1AC-LCS/G6V7T1AD-LCSD				LCS Lot-Sample#: D5C180000-408		
	20.0	18.9	mg/L	94		MCAWW 300.0A	03/17/05	5077408
	20.0	18.8	mg/L	94	0.26	MCAWW 300.0A	03/17/05	5077408
		Dilution Factor: 1				Analysis Time..: 14:31		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C170217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G6RDR1AC-LCS/G6RDR1AD-LCSD				LCS Lot-Sample#: D5C220000-604		
	200	199	mg/L	99		MCAWW 310.1	03/22/05	5081604
	200	202	mg/L	101	1.8	MCAWW 310.1	03/22/05	5081604
		Dilution Factor: 1				Analysis Time..: 10:14		
Total Dissolved Solids		WO#:G65JV1AC-LCS/G65JV1AD-LCSD				LCS Lot-Sample#: D5C230000-540		
	500	491	mg/L	98		MCAWW 160.1	03/23/05	5082540
	500	493	mg/L	99	0.40	MCAWW 160.1	03/23/05	5082540
		Dilution Factor: 1				Analysis Time..: 18:35		
Total Organic Halogens		WO#:G6PLW1AC-LCS/G6PLW1AD-LCSD				LCS Lot-Sample#: D5C220000-140		
	100	105	ug/L	105		SW846 9020B	03/21/05	5081140
	100	105	ug/L	105	0.11	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1				Analysis Time..: 14:00		
Total Organic Halogens		WO#:G6RRG1AC-LCS/G6RRG1AD-LCSD				LCS Lot-Sample#: D5C230000-090		
	100	96.9	ug/L	97		SW846 9020B	03/22/05	5082090
	100	95.0	ug/L	95	1.9	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1				Analysis Time..: 11:00		
Total Organic Carbon		WO#:G6W5J1AC-LCS/G6W5J1AD-LCSD				LCS Lot-Sample#: D5C240000-169		
	25.0	24.5	mg/L	98		MCAWW 415.1	03/23/05	5083169
	25.0	24.1	mg/L	96	1.6	MCAWW 415.1	03/23/05	5083169
		Dilution Factor: 1				Analysis Time..: 09:00		
Total Sulfide		WO#:G62VW1AC-LCS/G62VW1AD-LCSD				LCS Lot-Sample#: D5C230000-453		
	17.0	12.5	mg/L	74		SW846 9030B/9034	03/22/05	5082453
	17.0	11.7 N	mg/L	69	6.6	SW846 9030B/9034	03/22/05	5082453
		Dilution Factor: 1				Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #: G6Q7F1AC	LCS Lot-Sample#: D5C220000-557		
	100	(89 - 109)	SW846 9012A	03/22/05	5081557

Dilution Factor: 1 Analysis Time..: 14:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide			Work Order #:	G6Q7F1AC	LCS Lot-Sample#:	D5C220000-557	
	0.100	0.100	mg/L	100	SW846 9012A	03/22/05	5081557
			Dilution Factor: 1		Analysis Time..: 14:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/13/05 07:20 **Date Received..:** 03/15/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#: G6FVQ1EF-MS/G6FVQ1EG-MSD				MS Lot-Sample #: D5C170273-001	
	90	(74 - 109)			MCAWW 410.4	03/28/05	5087554
	85	(74 - 109)	4.3	(0-11)	MCAWW 410.4	03/28/05	5087554
		Dilution Factor: 1					
		Analysis Time..: 13:40					
Chloride		WO#: G6FHV1CX-MS/G6FHV1C0-MSD				MS Lot-Sample #: D5C170217-002	
	110	(80 - 120)			MCAWW 300.0A	03/17/05	5077406
	110	(80 - 120)	0.14	(0-20)	MCAWW 300.0A	03/17/05	5077406
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Chloride		WO#: G6GGG1EA-MS/G6GGG1EC-MSD				MS Lot-Sample #: D5C170332-002	
	107	(80 - 120)			MCAWW 300.0A	03/17-03/18/05	5077406
	109	(80 - 120)	1.1	(0-20)	MCAWW 300.0A	03/17-03/18/05	5077406
		Dilution Factor: 1					
		Analysis Time..: 09:49					
Fluoride		WO#: G6FHV1CV-MS/G6FHV1CW-MSD				MS Lot-Sample #: D5C170217-002	
	100	(80 - 120)			MCAWW 300.0A	03/17/05	5077409
	104	(80 - 120)	3.6	(0-20)	MCAWW 300.0A	03/17/05	5077409
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Nitrate		WO#: G6FHV1C1-MS/G6FHV1C2-MSD				MS Lot-Sample #: D5C170217-002	
	100	(80 - 120)			MCAWW 300.0A	03/17/05	5077407
	101	(80 - 120)	0.82	(0-20)	MCAWW 300.0A	03/17/05	5077407
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Nitrate		WO#: G6GGG1EF-MS/G6GGG1EG-MSD				MS Lot-Sample #: D5C170332-002	
	96	(80 - 120)			MCAWW 300.0A	03/17-03/18/05	5077407
	98	(80 - 120)	1.6	(0-20)	MCAWW 300.0A	03/17-03/18/05	5077407
		Dilution Factor: 1					
		Analysis Time..: 09:49					
Sulfate		WO#: G6FHV1C3-MS/G6FHV1C4-MSD				MS Lot-Sample #: D5C170217-002	
	121 N,I	(80 - 120)			MCAWW 300.0A	03/17/05	5077408
	122 N,I	(80 - 120)	0.10	(0-20)	MCAWW 300.0A	03/17/05	5077408
		Dilution Factor: 1					
		Analysis Time..: 16:02					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/13/05 07:20 **Date Received..:** 03/15/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		WO#: G6GGG1EH-MS/G6GGG1EJ-MSD				MS Lot-Sample #: D5C170332-002	
	111 I	(80 - 120)			MCAWW 300.0A	03/17-03/18/05	5077408
	111 I	(80 - 120)	0.05	(0-20)	MCAWW 300.0A	03/17-03/18/05	5077408
		Dilution Factor: 1					
		Analysis Time..: 10:34					
Total Cyanide		WO#: G6GRA1AM-MS/G6GRA1AN-MSD				MS Lot-Sample #: D5C170359-004	
	96	(78 - 120)			SW846 9012A	03/22/05	5081557
	96	(78 - 120)	0.30	(0-20)	SW846 9012A	03/22/05	5081557
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Halogens		WO#: G6FHV1CP-MS/G6FHV1CQ-MSD				MS Lot-Sample #: D5C170217-002	
	93	(75 - 113)			SW846 9020B	03/21/05	5081140
	97	(75 - 113)	4.6	(0-30)	SW846 9020B	03/21/05	5081140
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Halogens		WO#: G6FJ11CP-MS/G6FJ11CQ-MSD				MS Lot-Sample #: D5C170217-003	
	91	(75 - 113)			SW846 9020B	03/22/05	5082090
	98	(75 - 113)	6.8	(0-30)	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1					
		Analysis Time..: 11:00					
Total Organic Carbon		WO#: G589A1CP-MS/G589A1CQ-MSD				MS Lot-Sample #: D5C150267-001	
	99	(73 - 124)			MCAWW 415.1	03/23/05	5083167
	94	(73 - 124)	4.1	(0-10)	MCAWW 415.1	03/23/05	5083167
		Dilution Factor: 1					
		Analysis Time..: 09:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

I Estimated result. Result concentration exceeds the calibration range.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/13/05 07:20 **Date Received..:** 03/15/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G6FVQ1EF-MS/G6FVQ1EG-MSD				MS Lot-Sample #: D5C170273-001		
	13	50.0	57.8	mg/L	90		MCAWW 410.4	03/28/05	5087554
	13	50.0	55.4	mg/L	85	4.3	MCAWW 410.4	03/28/05	5087554
			Dilution Factor: 1						
			Analysis Time..: 13:40						
Chloride			WO#: G6FHV1CX-MS/G6FHV1C0-MSD				MS Lot-Sample #: D5C170217-002		
	15	25.0	42.4	mg/L	110		MCAWW 300.0A	03/17/05	5077406
	15	25.0	42.4	mg/L	110	0.14	MCAWW 300.0A	03/17/05	5077406
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Chloride			WO#: G6GGG1EA-MS/G6GGG1EC-MSD				MS Lot-Sample #: D5C170332-002		
	11	25.0	38.3	mg/L	107		MCAWW 300.0A	03/17-03/18/05	5077406
	11	25.0	38.7	mg/L	109	1.1	MCAWW 300.0A	03/17-03/18/05	5077406
			Dilution Factor: 1						
			Analysis Time..: 09:49						
Fluoride			WO#: G6FHV1CV-MS/G6FHV1CW-MSD				MS Lot-Sample #: D5C170217-002		
	0.70	5.00	5.70	mg/L	100		MCAWW 300.0A	03/17/05	5077409
	0.70	5.00	5.91	mg/L	104	3.6	MCAWW 300.0A	03/17/05	5077409
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Nitrate			WO#: G6FHV1C1-MS/G6FHV1C2-MSD				MS Lot-Sample #: D5C170217-002		
	1.1	5.00	6.07	mg/L	100		MCAWW 300.0A	03/17/05	5077407
	1.1	5.00	6.12	mg/L	101	0.82	MCAWW 300.0A	03/17/05	5077407
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Nitrate			WO#: G6GGG1EF-MS/G6GGG1EG-MSD				MS Lot-Sample #: D5C170332-002		
	ND	5.00	4.82	mg/L	96		MCAWW 300.0A	03/17-03/18/05	5077407
	ND	5.00	4.90	mg/L	98	1.6	MCAWW 300.0A	03/17-03/18/05	5077407
			Dilution Factor: 1						
			Analysis Time..: 09:49						
Sulfate			WO#: G6FHV1C3-MS/G6FHV1C4-MSD				MS Lot-Sample #: D5C170217-002		
	44	25.0	74.3	mg/L	121		MCAWW 300.0A	03/17/05	5077408
			Qualifiers: N,I						
	44	25.0	74.4	mg/L	122	0.10	MCAWW 300.0A	03/17/05	5077408
			Qualifiers: N,I						
			Dilution Factor: 1						
			Analysis Time..: 16:02						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C170217 **Matrix.....:** WATER
Date Sampled...: 03/13/05 07:20 **Date Received..:** 03/15/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate			WO#: G6GGG1EH-MS/G6GGG1EJ-MSD				MS Lot-Sample #: D5C170332-002		
	240	250	518 I	mg/L	111		MCAWW 300.0A	03/17-03/18/05	5077408
	240	250	518 I	mg/L	111	0.05	MCAWW 300.0A	03/17-03/18/05	5077408
			Dilution Factor: 1						
			Analysis Time..: 10:34						
Total Cyanide			WO#: G6GRA1AM-MS/G6GRA1AN-MSD				MS Lot-Sample #: D5C170359-004		
	ND	0.100	0.0974	mg/L	96		SW846 9012A	03/22/05	5081557
	ND	0.100	0.0971	mg/L	96	0.30	SW846 9012A	03/22/05	5081557
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Halogens			WO#: G6FHV1CP-MS/G6FHV1CQ-MSD				MS Lot-Sample #: D5C170217-002		
	ND	100	97.5	ug/L	93		SW846 9020B	03/21/05	5081140
	ND	100	102	ug/L	97	4.6	SW846 9020B	03/21/05	5081140
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Halogens			WO#: G6FJ11CP-MS/G6FJ11CQ-MSD				MS Lot-Sample #: D5C170217-003		
	ND	100	96.0	ug/L	91		SW846 9020B	03/22/05	5082090
	ND	100	103	ug/L	98	6.8	SW846 9020B	03/22/05	5082090
			Dilution Factor: 1						
			Analysis Time..: 11:00						
Total Organic Carbon			WO#: G589A1CP-MS/G589A1CQ-MSD				MS Lot-Sample #: D5C150267-001		
	8.4	25.0	33.3	mg/L	99		MCAWW 415.1	03/23/05	5083167
	8.4	25.0	32.0	mg/L	94	4.1	MCAWW 415.1	03/23/05	5083167
			Dilution Factor: 1						
			Analysis Time..: 09:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

I Estimated result. Result concentration exceeds the calibration range.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C170217 **Work Order #...:** G6DX9-SMP G6DX9-DUP **Matrix.....:** WATER

Date Sampled...: 03/16/05 11:30 **Date Received..:** 03/16/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #: D5C160377-001		
Biochemical Oxygen Demand (BOD)	260	270	mg/L	5.3	(0-20)	MCAWW 405.1	03/17/05	5076382

Dilution Factor: 1 Analysis Time..: 08:25

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C170217 **Work Order #...:** G5Q4W-SMP G5Q4W-DUP **Matrix.....:** WATER

Date Sampled...: 03/07/05 12:00 **Date Received..:** 03/08/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #:	D5C080298-001	
Specific Conductance								
	100	100	umhos/cm	0.0	(0-7.0)	MCAWW 120.1	03/18/05	5077444

Dilution Factor: 1 Analysis Time..: 15:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C170217 **Work Order #...:** G6FHV-SMP G6FHV-DUP **Matrix.....:** WATER

Date Sampled...: 03/16/05 08:00 **Date Received..:** 03/17/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #:	D5C170217-002	
Total Alkalinity	170	170	mg/L	0.58	(0-10)	MCAWW 310.1	03/22/05	5081604

Dilution Factor: 1 Analysis Time..: 10:14

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C170217 **Work Order #...:** G6H5Q-SMP G6H5Q-DUP **Matrix.....:** WATER

Date Sampled...: 03/17/05 11:49 **Date Received..:** 03/18/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #:	D5C180198-001	
Total Dissolved Solids	810	820	mg/L	0.12	(0-20)	MCAWW 160.1	03/23/05	5082540

Dilution Factor: 1 Analysis Time..: 18:35

[redacted]

Chain of Custody Record

3.6, 2.2, 12.4

3/17/05

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

TL-4124 (0901)

Client: SCS ENGINEERS

Project Manager: TINA S.

Date: 3/16/05

Chain of Custody Number: 307841

Address: 3900 KILROY AIRPORT WAY #100

Telephone Number (Area Code)/Fax Number: (800) 326-9544

Lab Number:

Page 1 of 1

City: LONG BEACH | State: CA | Zip Code: 90806

Site Contact:

Lab Contact: BETSY F.

Project Name and Location (State): BRADLEY

Carrier/Waybill Number:

Contract/Purchase Order/Quote No.: 234 25662-C

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	GEN. CHEMISTRY	METALS - DISSOLVED	TOX	COD/TOC	VOLATILES - GC/MS	BOD - 405.1	METALS-TOTAL	SEMIVOA ORGANICS	CYANIDE	TOTAL SULFIDE	Special Instructions/ Conditions of Receipt
TRIP BLANK	3/16/05	0730		X						1							X						
4915 D	3/16/05	0800		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X	
4915 M	3/16/05	1030		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X	
4916 L	3/16/05	1300		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X	

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other STANDARD

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Mark Quen	3/16/05	1530 HRS	1. Received By: [signature]	3/17/05	0900
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 49 | 5D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC170217-01

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03/16/05	0800	2:00		4.0	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 915.86 (ft/msl)

Depth to Water (DTW) (from TOC): 21.97 (ft)

Groundwater Elevation (site datum, from TOC): 104.23 (ft/msl)

Total Well Depth (from TOC): 324.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit Gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:55	1.0 1st	7.88 1st	.524	24.0	0.56	7.31	368	
09:05	2.0 2nd	7.25 2nd	.517	22.8	0.27	7.17	374	
09:20	3.0 3rd	7.80 3rd	.516	22.5	0.00	7.10	377	
09:35	4.0 4th	7.80 4th	.515	22.6	0.14	7.11	379	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
03/16/05	7.80	.515	22.6	0.14	7.11	379	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/16/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915M (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC170217-03

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031605	1030	1:30		50	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: (Y) or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 898.12 (ft/msl)

Depth to Water (DTW) (from TOC): 22.64.4 (ft)

Groundwater Elevation (site datum, from TOC): 631.68 (ft/msl)

Total Well Depth (from TOC): 277.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:00	2.0 1st	7.80 1st	.541 1st	19.7	0.90	6.50	366	
11:10	3.0 2nd	7.78 2nd	.543 2nd	19.3	0.43	6.87	368	
11:20	4.0 3rd	7.78 3rd	.540 3rd	19.2	0.40	6.99	369	
11:30	5.0 4th	7.77 4th	.541 4th	19.2	0.35	6.55	370	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
031605	7.77	.541	19.2	0.35	6.55	370	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03.16.05	MARCO QUEN	[signature]	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 49164 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DS470217 -001

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
031605	1300	1:30		40	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: (Y) or N — (0.45 µ) or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 86090 (ft/msl)

Depth to Water (DTW) (from TOC): 21987 (ft)

Groundwater Elevation (site datum, from TOC): 64103 (ft/msl)

Total Well Depth (from TOC): 26600 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:25	1.0 1st	7.67 1st	.676 1st	20.5	4.43	3.76	359	
13:32	2.0 2nd	7.68 2nd	.675 2nd	20.0	1.82	3.20	360	
13:44	3.0 3rd	7.68 3rd	.621 3rd	19.5	1.25	3.10	360	
13:51	4.0 4th	7.68 4th	.531 4th	19.4	1.29	3.07	360	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
031605							

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

03/16/05 MARCO QUEN Marco Quen SCS ENGINEERS

Date / Name / Signature / Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

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www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C190131
Groundwater

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

April 5, 2005

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- **Executive Summary – Detection Highlights**
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- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for three samples received at STL's Denver laboratory on March 19, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C190131

Sample Receiving

- The cooler temperatures upon receipt at the Denver laboratory were 2.3°C and 3.3°C.
- All sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Method Blanks

- Total Silver Method 6010B, Total Dissolved Solids (TDS) Method 160.1, and Total Organic Carbon (TOC) Method 415.1 were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.
- All other Method Blanks were within established control limits.

Laboratory Control Samples

- All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- The method required MS/MSD could not be performed for Method 9030B/9034 due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- The Matrix Spike and Matrix Spike Duplicate performed on an unrelated sample exhibited MS and MSD recoveries outside control limits for Total Mercury Method 7470A. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

- The percent recoveries of the MS/MSD and/or the relative percent difference were not calculated for Dissolved Calcium and Dissolved Iron during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

- Sample 4915B was selected to fulfill the laboratory batch quality control requirements for Method 300.0A. Analysis of the laboratory generated MS/MSD for this sample provided an MSD recovery of Fluoride above the upper control limit indicating the possible presence of a matrix interference.

- Due to the result concentration exceeding the calibration range the MS/MSD results for Sulfate Method 300.0A are estimated.

- All other MS and MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D5C190131

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4915B 03/18/05 08:05 002				
Calcium - DISSOLVED	45000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	11000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	33000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	3200 B	5000	ug/L	SW846 6010B
Iron - DISSOLVED	1100	100	ug/L	SW846 6010B
Silver	1.3 B,J	10	ug/L	SW846 6010B
Arsenic	4.2 B	10	ug/L	SW846 6010B
Manganese	31	10	ug/L	SW846 6010B
Barium	53 B	100	ug/L	SW846 6010B
Potassium	3400 B	5000	ug/L	SW846 6010B
Boron	160	100	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	7.8 J	10	ug/L	SW846 8270C
Specific Conductance	420	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	270 J	10	mg/L	MCAWW 160.1
Chloride	11	3.0	mg/L	MCAWW 300.0A
Sulfate	36	5.0	mg/L	MCAWW 300.0A
Fluoride	0.58 B	1.0	mg/L	MCAWW 300.0A
Nitrate	1.4	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	1.9 J	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.9 J	1.0	mg/L	MCAWW 415.1
Total Sulfide	0.96 B	4.0	mg/L	SW846 9030B/9034
Bicarbonate, as CaCO3	150	5.0	mg/L	MCAWW 310.1
Total Alkalinity	150	5.0	mg/L	MCAWW 310.1
4916J 03/18/05 10:00 003				
Calcium - DISSOLVED	130000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	34000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	37000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	6400	5000	ug/L	SW846 6010B
Iron - DISSOLVED	48 B	100	ug/L	SW846 6010B
Mercury	0.10 B	0.20	ug/L	SW846 7470A
Silver	2.0 B,J	10	ug/L	SW846 6010B
Lead	2.0 B	3.0	ug/L	SW846 6010B
Manganese	39	10	ug/L	SW846 6010B
Barium	210	100	ug/L	SW846 6010B
Potassium	6600	5000	ug/L	SW846 6010B
Boron	190	100	ug/L	SW846 6010B
Benzene	0.29 J	1.0	ug/L	SW846 8260B
Chlorobenzene	0.67 J	5.0	ug/L	SW846 8260B
Chloroform	0.19 J	5.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C190131

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4916J 03/18/05 10:00 003				
1,2-Dichlorobenzene	0.49 J	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	3.9 J	10	ug/L	SW846 8260B
Dichlorodifluoromethane	0.44 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	1.7 J	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	0.51 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.8 J	10	ug/L	SW846 8260B
1,2-Dichloropropane	1.6 J	5.0	ug/L	SW846 8260B
Tetrachloroethene	0.42 J	5.0	ug/L	SW846 8260B
Vinyl chloride	1.8	1.0	ug/L	SW846 8260B
Specific Conductance	940	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	560 J	10	mg/L	MCAWW 160.1
Chloride	29	3.0	mg/L	MCAWW 300.0A
Sulfate	49 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.49 B	1.0	mg/L	MCAWW 300.0A
Nitrate	0.22 B	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	5.2 J	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	5.5 J	1.0	mg/L	MCAWW 415.1
Total Organic Halogens	27 B	30	ug/L	SW846 9020B
Total Organic Halogens	18 B	30	ug/L	SW846 9020B
Total Sulfide	0.96 B	4.0	mg/L	SW846 9030B/9034
Bicarbonate, as CaCO3	420	5.0	mg/L	MCAWW 310.1
Total Alkalinity	420	5.0	mg/L	MCAWW 310.1
Chemical Oxygen Demand (COD)	5.6 B	8.0	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D5C190131

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	SW846 9012A	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Nitrate	MCAWW 300.0A	MCAWW 300.0A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfides, Total	SW846 9030B/903	SW846 9030B/903
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C190131

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate as N	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C190131

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Maria Fayard	002596
MCAWW 160.1	Duane Allee	001470
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Ewa Kudla	001167
MCAWW 405.1	Lowell Coon	016091
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Nicole Dean	008504
SW846 6010B	Janel Motichka	002862
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Jason Reinhardt	013454
SW846 8270C	Eli Atencio	001998
SW846 9012A	Ewa Kudla	001167
SW846 9020B	Dave Elkin	000901
SW846 9030B/9034	Duane Allee	001470

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C190131

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G6K5M	001	TRIP BLANK	03/18/05	07:20
G6K5T	002	4915B	03/18/05	08:05
G6K56	003	4916J	03/18/05	10:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C190131-001 **Work Order #...:** G6K5M1AA **Matrix.....:** WATER
Date Sampled...: 03/18/05 07:20 **Date Received..:** 03/19/05
Prep Date.....: 03/25/05 **Analysis Date..:** 03/26/05
Prep Batch #...: 5087628 **Analysis Time..:** 00:04
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

(Continued on next page)

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C190131-001 **Work Order #...:** G6K5M1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 118)
1,2-Dichloroethane-d4	96	(62 - 128)
4-Bromofluorobenzene	86	(78 - 118)
Toluene-d8	103	(77 - 117)

Waste Management, Inc.

Client Sample ID: 4915B

GC/MS Volatiles

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T1AT **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05
Prep Date.....: 03/25/05 **Analysis Date..:** 03/26/05
Prep Batch #...: 5087628 **Analysis Time..:** 00:25
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4915B

GC/MS Volatiles

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T1AT **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
1,2-Dichloroethane-d4	100	(62 - 128)
4-Bromofluorobenzene	89	(78 - 118)
Toluene-d8	107	(77 - 117)

Waste Management, Inc.

Client Sample ID: 4916J

GC/MS Volatiles

Lot-Sample #...: D5C190131-003 **Work Order #...:** G6K561A5 **Matrix.....:** WATER
Date Sampled...: 03/18/05 10:00 **Date Received..:** 03/19/05
Prep Date.....: 03/25/05 **Analysis Date..:** 03/26/05
Prep Batch #...: 5087628 **Analysis Time..:** 01:27
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	**0.29 J**	**1.0**	**ug/L**	**0.15**
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	**0.67 J**	**5.0**	**ug/L**	**0.19**
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	**0.19 J**	**5.0**	**ug/L**	**0.15**
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	**0.49 J**	**10**	**ug/L**	**0.25**
1,4-Dichlorobenzene	**3.9 J**	**10**	**ug/L**	**0.20**
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	**0.44 J**	**10**	**ug/L**	**0.26**
1,1-Dichloroethane	**1.7 J**	**5.0**	**ug/L**	**0.24**
1,2-Dichloroethane	**0.51 J**	**5.0**	**ug/L**	**0.12**
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	**1.8 J**	**10**	**ug/L**	**0.14**
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	**1.6 J**	**5.0**	**ug/L**	**0.17**
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	**0.42 J**	**5.0**	**ug/L**	**0.20**

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4916J

GC/MS Volatiles

Lot-Sample #...: D5C190131-003 **Work Order #...:** G6K561A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	**1.8**	**1.0**	**ug/L**	**0.28**
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 118)
1,2-Dichloroethane-d4	100	(62 - 128)
4-Bromofluorobenzene	90	(78 - 118)
Toluene-d8	105	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915B

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T1A5 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05
Prep Date.....: 03/24/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5083584 **Analysis Time..:** 03:57
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	**7.8 J**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4915B

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4915B

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4915B

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T1A5 **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(33 - 106)
Phenol-d5	78	(40 - 105)
Nitrobenzene-d5	75	(48 - 108)
2-Fluorobiphenyl	70	(39 - 93)
2,4,6-Tribromophenol	72	(31 - 122)
Terphenyl-d14	96	(20 - 123)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916J

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-003 **Work Order #...:** G6K561AG **Matrix.....:** WATER
Date Sampled...: 03/18/05 10:00 **Date Received..:** 03/19/05
Prep Date.....: 03/24/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5083584 **Analysis Time..:** 04:21
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916J

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-003 **Work Order #...:** G6K561AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4916J

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-003 **Work Order #...:** G6K561AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916J

GC/MS Semivolatiles

Lot-Sample #...: D5C190131-003 **Work Order #...:** G6K561AG **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(33 - 106)
Phenol-d5	77	(40 - 105)
Nitrobenzene-d5	72	(48 - 108)
2-Fluorobiphenyl	68	(39 - 93)
2,4,6-Tribromophenol	72	(31 - 122)
Terphenyl-d14	94	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4915B

TOTAL Metals

Lot-Sample #...: D5C190131-002 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081648						
Manganese	**31**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K5T1AH**
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 1.9	
Barium	**53 B**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K5T1AJ**
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 2.1	
Potassium	**3400 B**	**5000**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6K5T1AR**
		Dilution Factor: 1		Analysis Time..: 22:27	MDL.....: 250	
Silver	**1.3 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K5T1A8**
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 0.37	
Arsenic	**4.2 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K5T1A9**
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CA
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CC
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CD
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CE
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 1.6	
Nickel	ND	40	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CF
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CG
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CH
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CJ
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 3.3	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4915B

TOTAL Metals

Lot-Sample #...: D5C190131-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/23-03/24/05	G6K5T1CK
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/23-03/25/05	G6K5T1CM
		Dilution Factor: 1		Analysis Time..: 22:27	MDL.....: 0.83	
Boron	**160**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6K5T1CN**
		Dilution Factor: 1		Analysis Time..: 22:27	MDL.....: 13	
Prep Batch #...: 5083381						
Mercury	ND	0.20	ug/L	SW846 7470A	03/28/05	G6K5T1CL
		Dilution Factor: 1		Analysis Time..: 16:07	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4915B

DISSOLVED Metals

Lot-Sample #...: D5C190131-002 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081655						
Calcium	**45000**	**200**	**ug/L**	**SW846 6010B**	**03/24-03/26/05**	**G6K5T1AU**
		Dilution Factor: 1		Analysis Time..: 02:48	MDL.....: 96	
Magnesium	**11000**	**200**	**ug/L**	**SW846 6010B**	**03/24-03/26/05**	**G6K5T1AV**
		Dilution Factor: 1		Analysis Time..: 02:48	MDL.....: 17	
Sodium	**33000**	**5000**	**ug/L**	**SW846 6010B**	**03/24-03/26/05**	**G6K5T1AW**
		Dilution Factor: 1		Analysis Time..: 02:48	MDL.....: 1400	
Potassium	**3200 B**	**5000**	**ug/L**	**SW846 6010B**	**03/24-03/26/05**	**G6K5T1AX**
		Dilution Factor: 1		Analysis Time..: 02:48	MDL.....: 250	
Iron	**1100**	**100**	**ug/L**	**SW846 6010B**	**03/24-03/26/05**	**G6K5T1A2**
		Dilution Factor: 1		Analysis Time..: 02:48	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916J

TOTAL Metals

Lot-Sample #...: D5C190131-003 **Matrix.....:** WATER
Date Sampled...: 03/18/05 10:00 **Date Received..:** 03/19/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081648						
Manganese	**39**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K561AU**
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 1.9	
Barium	**210**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K561AV**
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 2.1	
Potassium	**6600**	**5000**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6K561A4**
		Dilution Factor: 1		Analysis Time..: 23:33	MDL.....: 250	
Silver	**2.0 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K561AK**
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K561AL
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6K561CA
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 0.38	
Cobalt	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K561CC
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K561CD
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K561CE
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 1.6	
Nickel	ND	40	ug/L	SW846 6010B	03/23-03/24/05	G6K561CF
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 2.0	
Lead	**2.0 B**	**3.0**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6K561CG**
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6K561CH
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6K561CJ
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4916J

TOTAL Metals

Lot-Sample #...: D5C190131-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/23-03/24/05	G6K561CK
		Dilution Factor: 1		Analysis Time..: 13:24	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/23-03/25/05	G6K561CM
		Dilution Factor: 1		Analysis Time..: 23:33	MDL.....: 0.83	
Boron	**190**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6K561CN**
		Dilution Factor: 1		Analysis Time..: 23:33	MDL.....: 13	
Prep Batch #...: 5083381						
Mercury	**0.10 B**	**0.20**	**ug/L**	**SW846 7470A**	**03/28/05**	**G6K561CL**
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916J

DISSOLVED Metals

Lot-Sample #...: D5C190131-003 Matrix.....: WATER
Date Sampled...: 03/18/05 10:00 Date Received..: 03/19/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081655						
Calcium	130000	200	ug/L	SW846 6010B	03/24-03/26/05	G6K561A6
		Dilution Factor: 1		Analysis Time..: 03:03	MDL.....: 96	
Magnesium	34000	200	ug/L	SW846 6010B	03/24-03/26/05	G6K561A7
		Dilution Factor: 1		Analysis Time..: 03:03	MDL.....: 17	
Sodium	37000	5000	ug/L	SW846 6010B	03/24-03/26/05	G6K561A8
		Dilution Factor: 1		Analysis Time..: 03:03	MDL.....: 1400	
Potassium	6400	5000	ug/L	SW846 6010B	03/24-03/26/05	G6K561A9
		Dilution Factor: 1		Analysis Time..: 03:03	MDL.....: 250	
Iron	48 B	100	ug/L	SW846 6010B	03/24-03/26/05	G6K561AD
		Dilution Factor: 1		Analysis Time..: 03:03	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4915B

General Chemistry

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**150**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/25/05**	**5087088**
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	03/19/05	5078069
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/25/05	5087093
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	ND	8.0	mg/L	MCAWW 410.4	03/29/05	5089109
		Dilution Factor: 1		Analysis Time..: 16:10	MDL.....: 4.0	
Chloride	**11**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080527**
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.58 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080528**
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 0.10	
Nitrate	**1.4**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080529**
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 0.020	
Specific Conductance	**420**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/22/05**	**5081579**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....:	
Sulfate	**36**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080526**
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 0.10	
Total Alkalinity	**150**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/25/05**	**5087085**
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.85	
Total Dissolved Solids	**270 J**	**10**	**mg/L**	**MCAWW 160.1**	**03/25/05**	**5084444**
		Dilution Factor: 1		Analysis Time..: 16:50	MDL.....: 3.6	
Total Organic Carbon	**1.9 J**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/25/05**	**5087156**
		Dilution Factor: 1		Analysis Time..: 08:00	MDL.....: 0.27	

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Waste Management, Inc.

Client Sample ID: 4915B

General Chemistry

Lot-Sample #...: D5C190131-002 **Work Order #...:** G6K5T **Matrix.....:** WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon 2	**1.9 J**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/25/05**	**5087156**
	Dilution Factor: 1			Analysis Time..: 08:00	MDL.....: 0.27	
Total Organic Halogens	ND	30	ug/L	SW846 9020B	03/22/05	5082090
	Dilution Factor: 1			Analysis Time..: 11:00	MDL.....: 7.7	
Total Organic Halogens 2	ND	30	ug/L	SW846 9020B	03/22/05	5082090
	Dilution Factor: 1			Analysis Time..: 11:00	MDL.....: 7.7	
Total Sulfide	**0.96 B**	**4.0**	**mg/L**	**SW846 9030B/9034**	**03/24/05**	**5083499**
	Dilution Factor: 1			Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916J

General Chemistry

Lot-Sample #...: D5C190131-003 **Work Order #...:** G6K56 **Matrix.....:** WATER
Date Sampled...: 03/18/05 10:00 **Date Received..:** 03/19/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**420**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/25/05**	**5087088**
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	03/19/05	5078069
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/25/05	5087093
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	**5.6 B**	**8.0**	**mg/L**	**MCAWW 410.4**	**03/29/05**	**5089109**
		Dilution Factor: 1		Analysis Time..: 16:10	MDL.....: 4.0	
Chloride	**29**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080527**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/28/05	5087564
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.49 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080528**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 0.10	
Nitrate	**0.22 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080529**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 0.020	
Specific Conductance	**940**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/22/05**	**5081579**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....:	
Sulfate	**49 Q**	**25**	**mg/L**	**MCAWW 300.0A**	**03/19/05**	**5080526**
		Dilution Factor: 5		Analysis Time..: 16:42	MDL.....: 0.50	
Total Alkalinity	**420**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/25/05**	**5087085**
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.85	
Total Dissolved Solids	**560 J**	**10**	**mg/L**	**MCAWW 160.1**	**03/25/05**	**5084444**
		Dilution Factor: 1		Analysis Time..: 16:50	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: 4916J

General Chemistry

Lot-Sample #...: D5C190131-003 Work Order #...: G6K56 Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	5.2 J	1.0	mg/L	MCAWW 415.1	03/25/05	5087156
		Dilution Factor: 1		Analysis Time..: 08:00	MDL.....: 0.27	
Total Organic Carbon 2	5.5 J	1.0	mg/L	MCAWW 415.1	03/25/05	5087156
		Dilution Factor: 1		Analysis Time..: 08:00	MDL.....: 0.27	
Total Organic Halogens	27 B	30	ug/L	SW846 9020B	03/23/05	5083129
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 7.7	
Total Organic Halogens 2	18 B	30	ug/L	SW846 9020B	03/23/05	5083129
		Dilution Factor: 1		Analysis Time..: 09:00	MDL.....: 7.7	
Total Sulfide	0.96 B	4.0	mg/L	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D5C190131

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		5087628	5087349
002	WATER	MCAWW 120.1		5081579	5081367
	WATER	MCAWW 160.1		5084444	5089348
	WATER	MCAWW 310.1		5087093	
	WATER	MCAWW 405.1		5078069	5088295
	WATER	MCAWW 300.0A		5080527	5088199
	WATER	MCAWW 300.0A		5080526	5088206
	WATER	MCAWW 300.0A		5080528	5088197
	WATER	MCAWW 300.0A		5080529	5088202
	WATER	MCAWW 415.1		5087156	5087154
	WATER	SW846 9020B		5082090	5082053
	WATER	SW846 7470A		5083381	5084110
	WATER	SW846 8260B		5087628	5087349
	WATER	SW846 8270C		5083584	
	WATER	SW846 6010B		5081648	5081413
	WATER	SW846 6010B		5081655	5081418
	WATER	SW846 9012A		5088480	5088243
	WATER	SW846 9030B/9034		5083499	
	WATER	MCAWW 310.1		5087088	
	WATER	MCAWW 310.1		5087085	5087119
	WATER	MCAWW 410.4		5089109	5089064
003	WATER	MCAWW 120.1		5081579	5081367
	WATER	MCAWW 160.1		5084444	5089348
	WATER	MCAWW 310.1		5087093	
	WATER	MCAWW 405.1		5078069	5088295
	WATER	MCAWW 300.0A		5080527	5088199
	WATER	MCAWW 300.0A		5080526	5088206
	WATER	MCAWW 300.0A		5080528	5088197
	WATER	MCAWW 300.0A		5080529	5088202
	WATER	MCAWW 415.1		5087156	5087154
	WATER	SW846 9020B		5083129	5083076
	WATER	SW846 7470A		5083381	5084110
	WATER	SW846 8260B		5087628	5087349
	WATER	SW846 8270C		5083584	
	WATER	SW846 6010B		5081648	5081413
	WATER	SW846 6010B		5081655	5081418
	WATER	SW846 9012A		5087564	5087313
	WATER	SW846 9030B/9034		5083499	
	WATER	MCAWW 310.1		5087088	
	WATER	MCAWW 310.1		5087085	5087119
	WATER	MCAWW 410.4		5089109	5089064

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C190131 **Work Order #...:** G67DL1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C280000-628

Prep Date.....: 03/25/05 **Analysis Time..:** 23:02
Analysis Date..: 03/25/05 **Prep Batch #...:** 5087628
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	34	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C190131 **Work Order #...:** G67DL1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
1,2-Dichloroethane-d4	102	(62 - 128)
4-Bromofluorobenzene	89	(78 - 118)
Toluene-d8	103	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C190131 **Work Order #...:** G67DL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C280000-628
Prep Date.....: 03/25/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5087628 **Analysis Time..:** 22:41
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**114**	**(66 - 132)**	**SW846 8260B**
Benzene	**98**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**110**	**(78 - 118)**	**SW846 8260B**
Toluene	**110**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**105**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 118)
1,2-Dichloroethane-d4	103	(62 - 128)
4-Bromofluorobenzene	92	(78 - 118)
Toluene-d8	110	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C190131 **Work Order #...:** G67DL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C280000-628
Prep Date.....: 03/25/05 **Analysis Date..:** 03/25/05
Prep Batch #...: 5087628 **Analysis Time..:** 22:41
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.4**	**ug/L**	**114**	**SW846 8260B**
Benzene	**10.0**	**9.82**	**ug/L**	**98**	**SW846 8260B**
Chlorobenzene	**10.0**	**11.0**	**ug/L**	**110**	**SW846 8260B**
Toluene	**10.0**	**11.0**	**ug/L**	**110**	**SW846 8260B**
Trichloroethene	**10.0**	**10.5**	**ug/L**	**105**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 118)
1,2-Dichloroethane-d4	103	(62 - 128)
4-Bromofluorobenzene	92	(78 - 118)
Toluene-d8	110	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C190131 **Work Order #...:** G6K5T1D9-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C190131-002 G6K5T1EA-MSD
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05
Prep Date.....: 03/25/05 **Analysis Date..:** 03/26/05
Prep Batch #...: 5087628 **Analysis Time..:** 00:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**116**	**(66 - 132)**			**SW846 8260B**
	111	**(66 - 132)**	**4.3**	**(0-26)**	**SW846 8260B**
Benzene	**95**	**(75 - 120)**			**SW846 8260B**
	93	**(75 - 120)**	**2.7**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**105**	**(78 - 118)**			**SW846 8260B**
	103	**(78 - 118)**	**1.4**	**(0-20)**	**SW846 8260B**
Toluene	**106**	**(78 - 118)**			**SW846 8260B**
	104	**(78 - 118)**	**1.9**	**(0-22)**	**SW846 8260B**
Trichloroethene	**99**	**(79 - 122)**			**SW846 8260B**
	97	**(79 - 122)**	**1.8**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
	103	(73 - 118)
1,2-Dichloroethane-d4	99	(62 - 128)
	99	(62 - 128)
4-Bromofluorobenzene	90	(78 - 118)
	89	(78 - 118)
Toluene-d8	106	(77 - 117)
	104	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C190131 **Work Order #...:** G6K5T1D9-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C190131-002 G6K5T1EA-MSD
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05
Prep Date.....: 03/25/05 **Analysis Date..:** 03/26/05
Prep Batch #...: 5087628 **Analysis Time..:** 00:46
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**10.0**	**11.6**	**ug/L**	**116**		**SW846 8260B**
	ND	**10.0**	**11.1**	**ug/L**	**111**	**4.3**	**SW846 8260B**
Benzene	**ND**	**10.0**	**9.53**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**9.27**	**ug/L**	**93**	**2.7**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**10.3**	**ug/L**	**103**	**1.4**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	ND	**10.0**	**10.4**	**ug/L**	**104**	**1.9**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**9.93**	**ug/L**	**99**		**SW846 8260B**
	ND	**10.0**	**9.75**	**ug/L**	**97**	**1.8**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
	103	(73 - 118)
1,2-Dichloroethane-d4	99	(62 - 128)
	99	(62 - 128)
4-Bromofluorobenzene	90	(78 - 118)
	89	(78 - 118)
Toluene-d8	106	(77 - 117)
	104	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C190131 **Work Order #...:** G61HL1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C240000-584

Prep Date.....: 03/24/05 **Analysis Time..:** 00:45
Analysis Date..: 03/30/05 **Prep Batch #...:** 5083584
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C190131 **Work Order #...:** G61HL1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C190131 **Work Order #...:** G61HL1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(33 - 106)
Phenol-d5	79	(40 - 105)
Nitrobenzene-d5	75	(48 - 108)
2-Fluorobiphenyl	72	(39 - 93)
2,4,6-Tribromophenol	75	(31 - 122)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C190131 **Work Order #...:** G61HL1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	100	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C190131 **Work Order #...:** G61HL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C240000-584
Prep Date.....: 03/24/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5083584 **Analysis Time..:** 01:09
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**77**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**64**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**81**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**77**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**81**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**95**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**72**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**74**	**(41 - 113)**	**SW846 8270C**
Phenol	**78**	**(57 - 103)**	**SW846 8270C**
Pyrene	**96**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**67**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(55 - 95)
Phenol-d5	80	(58 - 97)
Nitrobenzene-d5	78	(55 - 100)
2-Fluorobiphenyl	76	(40 - 93)
2,4,6-Tribromophenol	76	(51 - 107)
Terphenyl-d14	103	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C190131 **Work Order #...:** G61HL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C240000-584
Prep Date.....: 03/24/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5083584 **Analysis Time..:** 01:09
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**76.9**	**ug/L**	**77**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**64.0**	**ug/L**	**64**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**122**	**ug/L**	**81**	**SW846 8270C**
2-Chlorophenol	**150**	**116**	**ug/L**	**77**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**81.3**	**ug/L**	**81**	**SW846 8270C**
4-Nitrophenol	**150**	**142**	**ug/L**	**95**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**71.5**	**ug/L**	**72**	**SW846 8270C**
Pentachlorophenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
Phenol	**150**	**117**	**ug/L**	**78**	**SW846 8270C**
Pyrene	**100**	**95.9**	**ug/L**	**96**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**66.7**	**ug/L**	**67**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(55 - 95)
Phenol-d5	80	(58 - 97)
Nitrobenzene-d5	78	(55 - 100)
2-Fluorobiphenyl	76	(40 - 93)
2,4,6-Tribromophenol	76	(51 - 107)
Terphenyl-d14	103	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C220000-648 **Prep Batch #...:** 5081648						
Manganese	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AA
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Barium	ND	100	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AC
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Potassium	ND	5000	ug/L	SW846 6010B	03/23-03/25/05	G6RGT1AD
		Dilution Factor: 1				
		Analysis Time..: 22:17				
Silver	**1.2 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6RGT1AE**
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Arsenic	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AF
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AG
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Cobalt	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AH
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Chromium	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AJ
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Copper	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AK
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Nickel	ND	40	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AL
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Lead	ND	3.0	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AM
		Dilution Factor: 1				
		Analysis Time..: 12:09				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AN
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Selenium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AP
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Zinc	ND	20	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AQ
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/23-03/25/05	G6RGT1AR
		Dilution Factor: 1				
		Analysis Time..: 22:17				
Boron	ND	100	ug/L	SW846 6010B	03/23-03/25/05	G6RGT1AT
		Dilution Factor: 1				
		Analysis Time..: 22:17				

MB Lot-Sample #: D5C240000-381 **Prep Batch #...:** 5083381

Mercury	ND	0.20	ug/L	SW846 7470A	03/28/05	G62G31AA
		Dilution Factor: 1				
		Analysis Time..: 15:39				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C220000-648 **Prep Batch #...:** 5081648					
Manganese	100	(90 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1AU
		Dilution Factor: 1	Analysis Time..: 12:14		
Barium	99	(93 - 113)	SW846 6010B	03/23-03/24/05	G6RGT1AV
		Dilution Factor: 1	Analysis Time..: 12:14		
Potassium	106	(86 - 111)	SW846 6010B	03/23-03/25/05	G6RGT1AW
		Dilution Factor: 1	Analysis Time..: 22:22		
Silver	104	(85 - 114)	SW846 6010B	03/23-03/24/05	G6RGT1AX
		Dilution Factor: 1	Analysis Time..: 12:14		
Arsenic	102	(89 - 109)	SW846 6010B	03/23-03/24/05	G6RGT1A0
		Dilution Factor: 1	Analysis Time..: 12:14		
Cadmium	102	(89 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A1
		Dilution Factor: 1	Analysis Time..: 12:14		
Cobalt	100	(86 - 107)	SW846 6010B	03/23-03/24/05	G6RGT1A2
		Dilution Factor: 1	Analysis Time..: 12:14		
Chromium	102	(89 - 112)	SW846 6010B	03/23-03/24/05	G6RGT1A3
		Dilution Factor: 1	Analysis Time..: 12:14		
Copper	96	(86 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A4
		Dilution Factor: 1	Analysis Time..: 12:14		
Nickel	102	(90 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A5
		Dilution Factor: 1	Analysis Time..: 12:14		
Lead	101	(91 - 111)	SW846 6010B	03/23-03/24/05	G6RGT1A6
		Dilution Factor: 1	Analysis Time..: 12:14		
Antimony	102	(88 - 108)	SW846 6010B	03/23-03/24/05	G6RGT1A7
		Dilution Factor: 1	Analysis Time..: 12:14		
Selenium	104	(88 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A8
		Dilution Factor: 1	Analysis Time..: 12:14		
Zinc	99	(85 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A9
		Dilution Factor: 1	Analysis Time..: 12:14		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	108	(88 - 112)	SW846 6010B	03/23-03/25/05	G6RGT1CA
		Dilution Factor: 1	Analysis Time..: 22:22		
Boron	110	(89 - 110)	SW846 6010B	03/23-03/25/05	G6RGT1CC
		Dilution Factor: 1	Analysis Time..: 22:22		

LCS Lot-Sample#: D5C240000-381 **Prep Batch #...:** 5083381

Mercury	100	(85 - 114)	SW846 7470A	03/28/05	G62G31AC
		Dilution Factor: 1	Analysis Time..: 15:44		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

LCS Lot-Sample#: D5C220000-648 **Prep Batch #...:** 5081648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	501	ug/L	100	SW846 6010B	03/23-03/24/05	G6RGT1AU
			Dilution Factor: 1		Analysis Time..: 12:14		
Barium	2000	1990	ug/L	99	SW846 6010B	03/23-03/24/05	G6RGT1AV
			Dilution Factor: 1		Analysis Time..: 12:14		
Potassium	50000	52800	ug/L	106	SW846 6010B	03/23-03/25/05	G6RGT1AW
			Dilution Factor: 1		Analysis Time..: 22:22		
Silver	50.0	51.9	ug/L	104	SW846 6010B	03/23-03/24/05	G6RGT1AX
			Dilution Factor: 1		Analysis Time..: 12:14		
Arsenic	2000	2050	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A0
			Dilution Factor: 1		Analysis Time..: 12:14		
Cadmium	50.0	51.2	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A1
			Dilution Factor: 1		Analysis Time..: 12:14		
Cobalt	500	500	ug/L	100	SW846 6010B	03/23-03/24/05	G6RGT1A2
			Dilution Factor: 1		Analysis Time..: 12:14		
Chromium	200	204	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A3
			Dilution Factor: 1		Analysis Time..: 12:14		
Copper	250	240	ug/L	96	SW846 6010B	03/23-03/24/05	G6RGT1A4
			Dilution Factor: 1		Analysis Time..: 12:14		
Nickel	500	510	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A5
			Dilution Factor: 1		Analysis Time..: 12:14		
Lead	500	505	ug/L	101	SW846 6010B	03/23-03/24/05	G6RGT1A6
			Dilution Factor: 1		Analysis Time..: 12:14		
Antimony	500	508	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A7
			Dilution Factor: 1		Analysis Time..: 12:14		
Selenium	2000	2080	ug/L	104	SW846 6010B	03/23-03/24/05	G6RGT1A8
			Dilution Factor: 1		Analysis Time..: 12:14		
Zinc	500	496	ug/L	99	SW846 6010B	03/23-03/24/05	G6RGT1A9
			Dilution Factor: 1		Analysis Time..: 12:14		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	50.0	53.8	ug/L	108	SW846 6010B	03/23-03/25/05	G6RGT1CA
			Dilution Factor: 1		Analysis Time..: 22:22		
Boron	1000	1100	ug/L	110	SW846 6010B	03/23-03/25/05	G6RGT1CC
			Dilution Factor: 1		Analysis Time..: 22:22		

LCS Lot-Sample#: D5C240000-381 **Prep Batch #...:** 5083381

Mercury	5.00	4.99	ug/L	100	SW846 7470A	03/28/05	G62G31AC
			Dilution Factor: 1		Analysis Time..: 15:44		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C190131-002 **Prep Batch #...:** 5081648							
Manganese	100	(79 - 121)			SW846 6010B	03/23-03/24/05	G6K5T1CP
	99	(79 - 121)	1.7	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1CQ
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Barium	101	(85 - 120)			SW846 6010B	03/23-03/24/05	G6K5T1CR
	99	(85 - 120)	1.7	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1CT
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Potassium	107	(76 - 132)			SW846 6010B	03/23-03/25/05	G6K5T1CU
	105	(76 - 132)	1.5	(0-25)	SW846 6010B	03/23-03/25/05	G6K5T1CV
		Dilution Factor: 1					
		Analysis Time..: 22:37					
Silver	102	(75 - 141)			SW846 6010B	03/23-03/24/05	G6K5T1CW
	101	(75 - 141)	0.80	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1CX
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Arsenic	104	(84 - 124)			SW846 6010B	03/23-03/24/05	G6K5T1C0
	103	(84 - 124)	1.0	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C1
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Cadmium	103	(82 - 119)			SW846 6010B	03/23-03/24/05	G6K5T1C2
	101	(82 - 119)	1.6	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C3
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Cobalt	100	(82 - 119)			SW846 6010B	03/23-03/24/05	G6K5T1C4
	99	(82 - 119)	1.1	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C5
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Chromium	103	(73 - 135)			SW846 6010B	03/23-03/24/05	G6K5T1C6
	101	(73 - 135)	1.6	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C7
		Dilution Factor: 1					
		Analysis Time..: 13:14					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	98	(82 - 129)			SW846 6010B	03/23-03/24/05	G6K5T1C8
	96	(82 - 129)	1.7	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C9
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Nickel	102	(84 - 120)			SW846 6010B	03/23-03/24/05	G6K5T1DA
	101	(84 - 120)	0.68	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DC
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Lead	101	(89 - 121)			SW846 6010B	03/23-03/24/05	G6K5T1DD
	100	(89 - 121)	0.80	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DE
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Antimony	103	(81 - 124)			SW846 6010B	03/23-03/24/05	G6K5T1DF
	102	(81 - 124)	0.44	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DG
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Selenium	103	(71 - 140)			SW846 6010B	03/23-03/24/05	G6K5T1DH
	103	(71 - 140)	0.25	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DJ
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Zinc	100	(60 - 137)			SW846 6010B	03/23-03/24/05	G6K5T1DK
	99	(60 - 137)	1.0	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DL
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Beryllium	108	(79 - 121)			SW846 6010B	03/23-03/25/05	G6K5T1DM
	106	(79 - 121)	1.8	(0-25)	SW846 6010B	03/23-03/25/05	G6K5T1DN
		Dilution Factor: 1					
		Analysis Time..: 22:37					
Boron	111	(87 - 113)			SW846 6010B	03/23-03/25/05	G6K5T1DP
	109	(87 - 113)	1.3	(0-25)	SW846 6010B	03/23-03/25/05	G6K5T1DQ
		Dilution Factor: 1					
		Analysis Time..: 22:37					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C190131-002 **Prep Batch #...:** 5081648									
Manganese									
	31	500	533	ug/L	100		SW846 6010B	03/23-03/24/05	G6K5T1CP
	31	500	524	ug/L	99	1.7	SW846 6010B	03/23-03/24/05	G6K5T1CQ
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Barium									
	53	2000	2080	ug/L	101		SW846 6010B	03/23-03/24/05	G6K5T1CR
	53	2000	2040	ug/L	99	1.7	SW846 6010B	03/23-03/24/05	G6K5T1CT
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Potassium									
	3400	50000	56900	ug/L	107		SW846 6010B	03/23-03/25/05	G6K5T1CU
	3400	50000	56100	ug/L	105	1.5	SW846 6010B	03/23-03/25/05	G6K5T1CV
			Dilution Factor: 1						
			Analysis Time..: 22:37						
Silver									
	1.3	50.0	52.3	ug/L	102		SW846 6010B	03/23-03/24/05	G6K5T1CW
	1.3	50.0	51.9	ug/L	101	0.80	SW846 6010B	03/23-03/24/05	G6K5T1CX
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Arsenic									
	4.2	2000	2080	ug/L	104		SW846 6010B	03/23-03/24/05	G6K5T1C0
	4.2	2000	2060	ug/L	103	1.0	SW846 6010B	03/23-03/24/05	G6K5T1C1
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Cadmium									
	ND	50.0	51.5	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1C2
	ND	50.0	50.7	ug/L	101	1.6	SW846 6010B	03/23-03/24/05	G6K5T1C3
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Cobalt									
	ND	500	500	ug/L	100		SW846 6010B	03/23-03/24/05	G6K5T1C4
	ND	500	495	ug/L	99	1.1	SW846 6010B	03/23-03/24/05	G6K5T1C5
			Dilution Factor: 1						
			Analysis Time..: 13:14						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	ND	200	206	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1C6
	ND	200	203	ug/L	101	1.6	SW846 6010B	03/23-03/24/05	G6K5T1C7
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Copper									
	ND	250	245	ug/L	98		SW846 6010B	03/23-03/24/05	G6K5T1C8
	ND	250	241	ug/L	96	1.7	SW846 6010B	03/23-03/24/05	G6K5T1C9
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Nickel									
	ND	500	508	ug/L	102		SW846 6010B	03/23-03/24/05	G6K5T1DA
	ND	500	505	ug/L	101	0.68	SW846 6010B	03/23-03/24/05	G6K5T1DC
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Lead									
	ND	500	507	ug/L	101		SW846 6010B	03/23-03/24/05	G6K5T1DD
	ND	500	502	ug/L	100	0.80	SW846 6010B	03/23-03/24/05	G6K5T1DE
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Antimony									
	ND	500	515	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1DF
	ND	500	513	ug/L	102	0.44	SW846 6010B	03/23-03/24/05	G6K5T1DG
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Selenium									
	ND	2000	2070	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1DH
	ND	2000	2070	ug/L	103	0.25	SW846 6010B	03/23-03/24/05	G6K5T1DJ
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Zinc									
	ND	500	503	ug/L	100		SW846 6010B	03/23-03/24/05	G6K5T1DK
	ND	500	497	ug/L	99	1.0	SW846 6010B	03/23-03/24/05	G6K5T1DL
			Dilution Factor: 1						
			Analysis Time..: 13:14						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	ND	50.0	54.2	ug/L	108		SW846 6010B	03/23-03/25/05	G6K5T1DM
	ND	50.0	53.2	ug/L	106	1.8	SW846 6010B	03/23-03/25/05	G6K5T1DN
			Dilution Factor: 1						
			Analysis Time..: 22:37						
Boron									
	160	1000	1270	ug/L	111		SW846 6010B	03/23-03/25/05	G6K5T1DP
	160	1000	1250	ug/L	109	1.3	SW846 6010B	03/23-03/25/05	G6K5T1DQ
			Dilution Factor: 1						
			Analysis Time..: 22:37						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/16/05 09:30 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180286-001 **Prep Batch #...:** 5083381							
Mercury	35 N	(85 - 114)			SW846 7470A	03/28/05	G6J1C1CP
	36 N	(85 - 114)	1.7	(0-10)	SW846 7470A	03/28/05	G6J1C1CQ

Dilution Factor: 1
Analysis Time..: 16:11

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/16/05 09:30 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180286-001 **Prep Batch #...:** 5083381									
Mercury									
	ND	5.00	1.76 N	ug/L	35		SW846 7470A	03/28/05	G6J1C1CP
	ND	5.00	1.79 N	ug/L	36	1.7	SW846 7470A	03/28/05	G6J1C1CQ
			Dilution Factor: 1						
			Analysis Time..: 16:11						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C220000-655 **Prep Batch #...:** 5081655						
Calcium	ND	200	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AC
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Magnesium	ND	200	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AE
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Sodium	ND	5000	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AF
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Potassium	ND	5000	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AD
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Iron	ND	100	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AM
		Dilution Factor: 1				
		Analysis Time..: 02:02				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C220000-655 **Prep Batch #...:** 5081655					
Calcium	108	(89 - 110)	SW846 6010B	03/24-03/26/05	G6RG41AH
		Dilution Factor: 1	Analysis Time..: 02:07		
Magnesium	107	(91 - 111)	SW846 6010B	03/24-03/26/05	G6RG41AK
		Dilution Factor: 1	Analysis Time..: 02:07		
Sodium	109	(91 - 112)	SW846 6010B	03/24-03/26/05	G6RG41AL
		Dilution Factor: 1	Analysis Time..: 02:07		
Potassium	105	(86 - 111)	SW846 6010B	03/24-03/26/05	G6RG41AJ
		Dilution Factor: 1	Analysis Time..: 02:07		
Iron	109	(88 - 110)	SW846 6010B	03/24-03/26/05	G6RG41AN
		Dilution Factor: 1	Analysis Time..: 02:07		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C220000-655 **Prep Batch #...:** 5081655							
Calcium	50000	53800	ug/L	108	SW846 6010B	03/24-03/26/05	G6RG41AH
			Dilution Factor: 1		Analysis Time..: 02:07		
Magnesium	50000	53500	ug/L	107	SW846 6010B	03/24-03/26/05	G6RG41AK
			Dilution Factor: 1		Analysis Time..: 02:07		
Sodium	50000	54700	ug/L	109	SW846 6010B	03/24-03/26/05	G6RG41AL
			Dilution Factor: 1		Analysis Time..: 02:07		
Potassium	50000	52700	ug/L	105	SW846 6010B	03/24-03/26/05	G6RG41AJ
			Dilution Factor: 1		Analysis Time..: 02:07		
Iron	1000	1090	ug/L	109	SW846 6010B	03/24-03/26/05	G6RG41AN
			Dilution Factor: 1		Analysis Time..: 02:07		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/17/05 08:27 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180405-001 **Prep Batch #...:** 5081655							
Calcium	NC,MSB	(48 - 153)			SW846 6010B	03/24-03/26/05	G6KPA1DA
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DC
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Magnesium	107	(62 - 146)			SW846 6010B	03/24-03/26/05	G6KPA1DF
	106	(62 - 146)	0.74	(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DG
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Sodium	108	(70 - 203)			SW846 6010B	03/24-03/26/05	G6KPA1DH
	107	(70 - 203)	0.71	(0-40)	SW846 6010B	03/24-03/26/05	G6KPA1DJ
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Potassium	106	(76 - 132)			SW846 6010B	03/24-03/26/05	G6KPA1DD
	106	(76 - 132)	0.24	(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DE
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Iron	NC,MSB	(52 - 155)			SW846 6010B	03/24-03/26/05	G6KPA1DL
	NC,MSB	(52 - 155)		(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DM
		Dilution Factor: 1					
		Analysis Time..: 02:22					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/17/05 08:27 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180405-001 **Prep Batch #...:** 5081655									
Calcium									
	220000	50000	276000	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DA
			Qualifiers: NC,MSB						
	220000	50000	270000	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DC
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Magnesium									
	35000	50000	88900	ug/L	107		SW846 6010B	03/24-03/26/05	G6KPA1DF
	35000	50000	88300	ug/L	106	0.74	SW846 6010B	03/24-03/26/05	G6KPA1DG
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Sodium									
	69000	50000	123000	ug/L	108		SW846 6010B	03/24-03/26/05	G6KPA1DH
	69000	50000	122000	ug/L	107	0.71	SW846 6010B	03/24-03/26/05	G6KPA1DJ
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Potassium									
	78000	50000	131000	ug/L	106		SW846 6010B	03/24-03/26/05	G6KPA1DD
	78000	50000	131000	ug/L	106	0.24	SW846 6010B	03/24-03/26/05	G6KPA1DE
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Iron									
	17000	1000	17500	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DL
			Qualifiers: NC,MSB						
	17000	1000	17300	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DM
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 02:22						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		Work Order #: G69FJ1AA		MB Lot-Sample #:	D5C190000-069	
	ND	2.0	mg/L	MCAWW 405.1	03/19/05	5078069
		Dilution Factor: 1				
		Analysis Time..: 17:00				
Chemical Oxygen Demand (COD)		Work Order #: G69XA1AA		MB Lot-Sample #:	D5C300000-109	
	ND	8.0	mg/L	MCAWW 410.4	03/29/05	5089109
		Dilution Factor: 1				
		Analysis Time..: 16:10				
Chloride		Work Order #: G68NL1AA		MB Lot-Sample #:	D5C210000-527	
	ND	3.0	mg/L	MCAWW 300.0A	03/19/05	5080527
		Dilution Factor: 1				
		Analysis Time..: 15:17				
Fluoride		Work Order #: G68NJ1AA		MB Lot-Sample #:	D5C210000-528	
	ND	1.0	mg/L	MCAWW 300.0A	03/19/05	5080528
		Dilution Factor: 1				
		Analysis Time..: 15:17				
Nitrate		Work Order #: G68N11AA		MB Lot-Sample #:	D5C210000-529	
	ND	0.50	mg/L	MCAWW 300.0A	03/19/05	5080529
		Dilution Factor: 1				
		Analysis Time..: 15:17				
Specific Conductance		Work Order #: G6Q961AA		MB Lot-Sample #:	D5C220000-579	
	ND	2.0	umhos/cm	MCAWW 120.1	03/22/05	5081579
		Dilution Factor: 1				
		Analysis Time..: 14:15				
Sulfate		Work Order #: G68PF1AA		MB Lot-Sample #:	D5C210000-526	
	ND	5.0	mg/L	MCAWW 300.0A	03/19/05	5080526
		Dilution Factor: 1				
		Analysis Time..: 15:17				
Total Alkalinity		Work Order #: G65161AA		MB Lot-Sample #:	D5C280000-085	
	ND	5.0	mg/L	MCAWW 310.1	03/25/05	5087085
		Dilution Factor: 1				
		Analysis Time..: 13:00				
Total Cyanide		Work Order #: G66571AA		MB Lot-Sample #:	D5C280000-564	
	ND	0.010	mg/L	SW846 9012A	03/28/05	5087564
		Dilution Factor: 1				
		Analysis Time..: 14:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #: G681W1AA		MB Lot-Sample #:	D5C290000-480	
	ND	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Total Dissolved Solids		Work Order #: G7C561AA		MB Lot-Sample #:	D5C250000-444	
	8.0 B	**10**	**mg/L**	**MCAWW 160.1**	**03/25/05**	**5084444**
		Dilution Factor: 1				
		Analysis Time..: 16:50				
Total Organic Halogens		Work Order #: G6RRG1AA		MB Lot-Sample #:	D5C230000-090	
	ND	30	ug/L	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Total Organic Halogens		Work Order #: G6WV21AA		MB Lot-Sample #:	D5C240000-129	
	ND	30	ug/L	SW846 9020B	03/23/05	5083129
		Dilution Factor: 1				
		Analysis Time..: 09:00				
Total Organic Carbon		Work Order #: G657K1AA		MB Lot-Sample #:	D5C280000-156	
	0.32 B	**1.0**	**mg/L**	**MCAWW 415.1**	**03/25/05**	**5087156**
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Total Sulfide		Work Order #: G7AMG1AA		MB Lot-Sample #:	D5C240000-499	
	ND	4.0	mg/L	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C190131 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G69FJ1AC-LCS/G69FJ1AD-LCSD				LCS Lot-Sample#: D5C190000-069	
	89	(85 - 115)			MCAWW 405.1	03/19/05	5078069
	91	(85 - 115)	2.2	(0-20)	MCAWW 405.1	03/19/05	5078069
		Dilution Factor: 1			Analysis Time..: 17:00		
Chemical Oxygen Demand (COD)		WO#:G69XA1AC-LCS/G69XA1AD-LCSD				LCS Lot-Sample#: D5C300000-109	
	101	(85 - 115)			MCAWW 410.4	03/29/05	5089109
	103	(85 - 115)	2.4	(0-11)	MCAWW 410.4	03/29/05	5089109
		Dilution Factor: 1			Analysis Time..: 16:10		
Chloride		WO#:G68NL1AC-LCS/G68NL1AD-LCSD				LCS Lot-Sample#: D5C210000-527	
	99	(90 - 110)			MCAWW 300.0A	03/19/05	5080527
	99	(90 - 110)	0.15	(0-10)	MCAWW 300.0A	03/19/05	5080527
		Dilution Factor: 1			Analysis Time..: 14:42		
Fluoride		WO#:G68NJ1AC-LCS/G68NJ1AD-LCSD				LCS Lot-Sample#: D5C210000-528	
	101	(90 - 110)			MCAWW 300.0A	03/19/05	5080528
	101	(90 - 110)	0.0	(0-10)	MCAWW 300.0A	03/19/05	5080528
		Dilution Factor: 1			Analysis Time..: 14:42		
Nitrate		WO#:G68N11AC-LCS/G68N11AD-LCSD				LCS Lot-Sample#: D5C210000-529	
	98	(90 - 110)			MCAWW 300.0A	03/19/05	5080529
	98	(90 - 110)	0.51	(0-10)	MCAWW 300.0A	03/19/05	5080529
		Dilution Factor: 1			Analysis Time..: 14:42		
Specific Conductance		WO#:G6Q961AC-LCS/G6Q961AD-LCSD				LCS Lot-Sample#: D5C220000-579	
	100	(89 - 109)			MCAWW 120.1	03/22/05	5081579
	100	(89 - 109)	0.0	(0-7.0)	MCAWW 120.1	03/22/05	5081579
		Dilution Factor: 1			Analysis Time..: 14:15		
Sulfate		WO#:G68PF1AC-LCS/G68PF1AD-LCSD				LCS Lot-Sample#: D5C210000-526	
	97	(90 - 110)			MCAWW 300.0A	03/19/05	5080526
	98	(90 - 110)	0.61	(0-10)	MCAWW 300.0A	03/19/05	5080526
		Dilution Factor: 1			Analysis Time..: 14:42		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C190131 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G65161AD-LCS/G65161AE-LCSD LCS Lot-Sample#: D5C280000-085					
	102	(95 - 110)			MCAWW 310.1	03/25/05	5087085
	100	(95 - 110)	2.0	(0-10)	MCAWW 310.1	03/25/05	5087085
		Dilution Factor: 1			Analysis Time..: 13:00		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD LCS Lot-Sample#: D5C290000-480					
	100	(89 - 109)			SW846 9012A	03/29/05	5088480
	104	(89 - 109)	3.9	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1			Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G7C561AC-LCS/G7C561AD-LCSD LCS Lot-Sample#: D5C250000-444					
	102	(86 - 106)			MCAWW 160.1	03/25/05	5084444
	102	(86 - 106)	0.0	(0-20)	MCAWW 160.1	03/25/05	5084444
		Dilution Factor: 1			Analysis Time..: 16:50		
Total Organic Halogens		WO#:G6RRG1AC-LCS/G6RRG1AD-LCSD LCS Lot-Sample#: D5C230000-090					
	97	(75 - 113)			SW846 9020B	03/22/05	5082090
	95	(75 - 113)	1.9	(0-30)	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1			Analysis Time..: 11:00		
Total Organic Halogens		WO#:G6WV21AC-LCS/G6WV21AD-LCSD LCS Lot-Sample#: D5C240000-129					
	97	(75 - 113)			SW846 9020B	03/23/05	5083129
	96	(75 - 113)	1.1	(0-30)	SW846 9020B	03/23/05	5083129
		Dilution Factor: 1			Analysis Time..: 09:00		
Total Organic Carbon		WO#:G657K1AC-LCS/G657K1AD-LCSD LCS Lot-Sample#: D5C280000-156					
	102	(89 - 113)			MCAWW 415.1	03/25/05	5087156
	96	(89 - 113)	5.5	(0-10)	MCAWW 415.1	03/25/05	5087156
		Dilution Factor: 1			Analysis Time..: 08:00		
Total Sulfide		WO#:G7AMG1AC-LCS/G7AMG1AD-LCSD LCS Lot-Sample#: D5C240000-499					
	86	(70 - 130)			SW846 9030B/9034	03/24/05	5083499
	87	(70 - 130)	1.0	(0-20)	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1			Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C190131 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G69FJ1AC-LCS/G69FJ1AD-LCSD				LCS Lot-Sample#: D5C190000-069		
	198	176	mg/L	89		MCAWW 405.1	03/19/05	5078069
	198	180	mg/L	91	2.2	MCAWW 405.1	03/19/05	5078069
		Dilution Factor: 1				Analysis Time..: 17:00		
Chemical Oxygen Demand (COD)		WO#:G69XA1AC-LCS/G69XA1AD-LCSD				LCS Lot-Sample#: D5C300000-109		
	100	101	mg/L	101		MCAWW 410.4	03/29/05	5089109
	100	103	mg/L	103	2.4	MCAWW 410.4	03/29/05	5089109
		Dilution Factor: 1				Analysis Time..: 16:10		
Chloride		WO#:G68NL1AC-LCS/G68NL1AD-LCSD				LCS Lot-Sample#: D5C210000-527		
	20.0	19.9	mg/L	99		MCAWW 300.0A	03/19/05	5080527
	20.0	19.9	mg/L	99	0.15	MCAWW 300.0A	03/19/05	5080527
		Dilution Factor: 1				Analysis Time..: 14:42		
Fluoride		WO#:G68NJ1AC-LCS/G68NJ1AD-LCSD				LCS Lot-Sample#: D5C210000-528		
	4.00	4.05	mg/L	101		MCAWW 300.0A	03/19/05	5080528
	4.00	4.05	mg/L	101	0.0	MCAWW 300.0A	03/19/05	5080528
		Dilution Factor: 1				Analysis Time..: 14:42		
Nitrate		WO#:G68N11AC-LCS/G68N11AD-LCSD				LCS Lot-Sample#: D5C210000-529		
	4.00	3.91	mg/L	98		MCAWW 300.0A	03/19/05	5080529
	4.00	3.93	mg/L	98	0.51	MCAWW 300.0A	03/19/05	5080529
		Dilution Factor: 1				Analysis Time..: 14:42		
Specific Conductance		WO#:G6Q961AC-LCS/G6Q961AD-LCSD				LCS Lot-Sample#: D5C220000-579		
	1410	1410	umhos/cm	100		MCAWW 120.1	03/22/05	5081579
	1410	1410	umhos/cm	100	0.0	MCAWW 120.1	03/22/05	5081579
		Dilution Factor: 1				Analysis Time..: 14:15		
Sulfate		WO#:G68PF1AC-LCS/G68PF1AD-LCSD				LCS Lot-Sample#: D5C210000-526		
	20.0	19.5	mg/L	97		MCAWW 300.0A	03/19/05	5080526
	20.0	19.6	mg/L	98	0.61	MCAWW 300.0A	03/19/05	5080526
		Dilution Factor: 1				Analysis Time..: 14:42		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C190131 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G65161AD-LCS/G65161AE-LCSD				LCS Lot-Sample#: D5C280000-085		
	200	203	mg/L	102		MCAWW 310.1	03/25/05	5087085
	200	199	mg/L	100	2.0	MCAWW 310.1	03/25/05	5087085
		Dilution Factor: 1				Analysis Time..: 13:00		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD				LCS Lot-Sample#: D5C290000-480		
	0.100	0.100	mg/L	100		SW846 9012A	03/29/05	5088480
	0.100	0.104	mg/L	104	3.9	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G7C561AC-LCS/G7C561AD-LCSD				LCS Lot-Sample#: D5C250000-444		
	500	512	mg/L	102		MCAWW 160.1	03/25/05	5084444
	500	512	mg/L	102	0.0	MCAWW 160.1	03/25/05	5084444
		Dilution Factor: 1				Analysis Time..: 16:50		
Total Organic Halogens		WO#:G6RRG1AC-LCS/G6RRG1AD-LCSD				LCS Lot-Sample#: D5C230000-090		
	100	96.9	ug/L	97		SW846 9020B	03/22/05	5082090
	100	95.0	ug/L	95	1.9	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1				Analysis Time..: 11:00		
Total Organic Halogens		WO#:G6WV21AC-LCS/G6WV21AD-LCSD				LCS Lot-Sample#: D5C240000-129		
	100	97.4	ug/L	97		SW846 9020B	03/23/05	5083129
	100	96.3	ug/L	96	1.1	SW846 9020B	03/23/05	5083129
		Dilution Factor: 1				Analysis Time..: 09:00		
Total Organic Carbon		WO#:G657K1AC-LCS/G657K1AD-LCSD				LCS Lot-Sample#: D5C280000-156		
	25.0	25.5	mg/L	102		MCAWW 415.1	03/25/05	5087156
	25.0	24.1	mg/L	96	5.5	MCAWW 415.1	03/25/05	5087156
		Dilution Factor: 1				Analysis Time..: 08:00		
Total Sulfide		WO#:G7AMG1AC-LCS/G7AMG1AD-LCSD				LCS Lot-Sample#: D5C240000-499		
	17.5	15.0	mg/L	86		SW846 9030B/9034	03/24/05	5083499
	17.5	15.2	mg/L	87	1.0	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1				Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #: G66571AC	LCS Lot-Sample#: D5C280000-564		
	94	(89 - 109)	SW846 9012A	03/28/05	5087564

Dilution Factor: 1 Analysis Time..: 14:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide			Work Order #:	G66571AC	LCS Lot-Sample#:	D5C280000-564	
	0.100	0.0945	mg/L	94	SW846 9012A	03/28/05	5087564
			Dilution Factor: 1		Analysis Time..: 14:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/16/05 09:30 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#: G6J4M1CH-MS/G6J4M1CJ-MSD				MS Lot-Sample #: D5C180314-001	
	96	(74 - 109)			MCAWW 410.4	03/29/05	5089109
	92	(74 - 109)	4.4	(0-11)	MCAWW 410.4	03/29/05	5089109
		Dilution Factor: 1					
		Analysis Time..: 16:10					
Chloride		WO#: G6K5T1EE-MS/G6K5T1EF-MSD				MS Lot-Sample #: D5C190131-002	
	102	(80 - 120)			MCAWW 300.0A	03/19/05	5080527
	105	(80 - 120)	2.2	(0-20)	MCAWW 300.0A	03/19/05	5080527
		Dilution Factor: 1					
		Analysis Time..: 15:51					
Chloride		WO#: G6K7H1A5-MS/G6K7H1A6-MSD				MS Lot-Sample #: D5C190138-001	
	103	(80 - 120)			MCAWW 300.0A	03/19/05	5080527
	107	(80 - 120)	2.7	(0-20)	MCAWW 300.0A	03/19/05	5080527
		Dilution Factor: 1					
		Analysis Time..: 17:16					
Fluoride		WO#: G6K5T1EC-MS/G6K5T1ED-MSD				MS Lot-Sample #: D5C190131-002	
	117	(80 - 120)			MCAWW 300.0A	03/19/05	5080528
	121 N	(80 - 120)	2.9	(0-20)	MCAWW 300.0A	03/19/05	5080528
		Dilution Factor: 1					
		Analysis Time..: 15:51					
Fluoride		WO#: G6K7H1A3-MS/G6K7H1A4-MSD				MS Lot-Sample #: D5C190138-001	
	94	(80 - 120)			MCAWW 300.0A	03/19/05	5080528
	97	(80 - 120)	2.5	(0-20)	MCAWW 300.0A	03/19/05	5080528
		Dilution Factor: 1					
		Analysis Time..: 17:16					
Nitrate		WO#: G6K5T1EG-MS/G6K5T1EH-MSD				MS Lot-Sample #: D5C190131-002	
	93	(80 - 120)			MCAWW 300.0A	03/19/05	5080529
	97	(80 - 120)	3.2	(0-20)	MCAWW 300.0A	03/19/05	5080529
		Dilution Factor: 1					
		Analysis Time..: 15:51					
Nitrate		WO#: G6K7H1A9-MS/G6K7H1CA-MSD				MS Lot-Sample #: D5C190138-001	
	101	(80 - 120)			MCAWW 300.0A	03/19/05	5080529
	105	(80 - 120)	2.6	(0-20)	MCAWW 300.0A	03/19/05	5080529
		Dilution Factor: 1					
		Analysis Time..: 17:16					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/16/05 09:30 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		WO#: G6K5T1EJ-MS/G6K5T1EK-MSD				MS Lot-Sample #: D5C190131-002	
	99 I	(80 - 120)			MCAWW 300.0A	03/19/05	5080526
	106 I	(80 - 120)	2.9	(0-20)	MCAWW 300.0A	03/19/05	5080526
		Dilution Factor: 1					
		Analysis Time..: 15:51					
Total Cyanide		WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001	
	97	(78 - 120)			SW846 9012A	03/29/05	5088480
	98	(78 - 120)	1.3	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Cyanide		WO#: G6J1C1CU-MS/G6J1C1CV-MSD				MS Lot-Sample #: D5C180286-001	
	89	(78 - 120)			SW846 9012A	03/28/05	5087561
	92	(78 - 120)	3.2	(0-20)	SW846 9012A	03/28/05	5087561
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Halogens		WO#: G6FJ11CP-MS/G6FJ11CQ-MSD				MS Lot-Sample #: D5C170217-003	
	91	(75 - 113)			SW846 9020B	03/22/05	5082090
	98	(75 - 113)	6.8	(0-30)	SW846 9020B	03/22/05	5082090
		Dilution Factor: 1					
		Analysis Time..: 11:00					
Total Organic Halogens		WO#: G6PWD1AC-MS/G6PWD1AD-MSD				MS Lot-Sample #: D5C170192-005	
	98	(75 - 113)			SW846 9020B	03/23/05	5083129
	96	(75 - 113)	0.66	(0-30)	SW846 9020B	03/23/05	5083129
		Dilution Factor: 1					
		Analysis Time..: 09:00					
Total Organic Carbon		WO#: G6Q901AC-MS/G6Q901AD-MSD				MS Lot-Sample #: D5C220340-002	
	108	(73 - 124)			MCAWW 415.1	03/25/05	5087155
	106	(73 - 124)	2.0	(0-10)	MCAWW 415.1	03/25/05	5087155
		Dilution Factor: 1					
		Analysis Time..: 08:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/16/05 09:30 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G6J4M1CH-MS/G6J4M1CJ-MSD				MS Lot-Sample #: D5C180314-001		
	ND	50.0	48.1	mg/L	96		MCAWW 410.4	03/29/05	5089109
	ND	50.0	46.0	mg/L	92	4.4	MCAWW 410.4	03/29/05	5089109
			Dilution Factor: 1						
			Analysis Time..: 16:10						
Chloride			WO#: G6K5T1EE-MS/G6K5T1EF-MSD				MS Lot-Sample #: D5C190131-002		
	11	25.0	36.4	mg/L	102		MCAWW 300.0A	03/19/05	5080527
	11	25.0	37.2	mg/L	105	2.2	MCAWW 300.0A	03/19/05	5080527
			Dilution Factor: 1						
			Analysis Time..: 15:51						
Chloride			WO#: G6K7H1A5-MS/G6K7H1A6-MSD				MS Lot-Sample #: D5C190138-001		
	8.0	25.0	33.8	mg/L	103		MCAWW 300.0A	03/19/05	5080527
	8.0	25.0	34.7	mg/L	107	2.7	MCAWW 300.0A	03/19/05	5080527
			Dilution Factor: 1						
			Analysis Time..: 17:16						
Fluoride			WO#: G6K5T1EC-MS/G6K5T1ED-MSD				MS Lot-Sample #: D5C190131-002		
	0.58	5.00	6.42	mg/L	117		MCAWW 300.0A	03/19/05	5080528
	0.58	5.00	6.61 N	mg/L	121	2.9	MCAWW 300.0A	03/19/05	5080528
			Dilution Factor: 1						
			Analysis Time..: 15:51						
Fluoride			WO#: G6K7H1A3-MS/G6K7H1A4-MSD				MS Lot-Sample #: D5C190138-001		
	1.2	5.00	5.83	mg/L	94		MCAWW 300.0A	03/19/05	5080528
	1.2	5.00	5.98	mg/L	97	2.5	MCAWW 300.0A	03/19/05	5080528
			Dilution Factor: 1						
			Analysis Time..: 17:16						
Nitrate			WO#: G6K5T1EG-MS/G6K5T1EH-MSD				MS Lot-Sample #: D5C190131-002		
	1.4	5.00	6.06	mg/L	93		MCAWW 300.0A	03/19/05	5080529
	1.4	5.00	6.26	mg/L	97	3.2	MCAWW 300.0A	03/19/05	5080529
			Dilution Factor: 1						
			Analysis Time..: 15:51						
Nitrate			WO#: G6K7H1A9-MS/G6K7H1CA-MSD				MS Lot-Sample #: D5C190138-001		
	3.2	5.00	8.28	mg/L	101		MCAWW 300.0A	03/19/05	5080529
	3.2	5.00	8.50	mg/L	105	2.6	MCAWW 300.0A	03/19/05	5080529
			Dilution Factor: 1						
			Analysis Time..: 17:16						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C190131 **Matrix.....:** WATER
Date Sampled...: 03/16/05 09:30 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate			WO#: G6K5T1EJ-MS/G6K5T1EK-MSD				MS Lot-Sample #: D5C190131-002		
	36	25.0	60.8 I	mg/L	99		MCAWW 300.0A	03/19/05	5080526
	36	25.0	62.6 I	mg/L	106	2.9	MCAWW 300.0A	03/19/05	5080526
			Dilution Factor: 1						
			Analysis Time..: 15:51						
Total Cyanide			WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001		
	ND	0.100	0.0997	mg/L	97		SW846 9012A	03/29/05	5088480
	ND	0.100	0.101	mg/L	98	1.3	SW846 9012A	03/29/05	5088480
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Cyanide			WO#: G6J1C1CU-MS/G6J1C1CV-MSD				MS Lot-Sample #: D5C180286-001		
	ND	0.100	0.0910	mg/L	89		SW846 9012A	03/28/05	5087561
	ND	0.100	0.0940	mg/L	92	3.2	SW846 9012A	03/28/05	5087561
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Halogens			WO#: G6FJ11CP-MS/G6FJ11CQ-MSD				MS Lot-Sample #: D5C170217-003		
	ND	100	96.0	ug/L	91		SW846 9020B	03/22/05	5082090
	ND	100	103	ug/L	98	6.8	SW846 9020B	03/22/05	5082090
			Dilution Factor: 1						
			Analysis Time..: 11:00						
Total Organic Halogens			WO#: G6PWD1AC-MS/G6PWD1AD-MSD				MS Lot-Sample #: D5C170192-005		
	750	500	1240	ug/L	98		SW846 9020B	03/23/05	5083129
	750	500	1240	ug/L	96	0.66	SW846 9020B	03/23/05	5083129
			Dilution Factor: 1						
			Analysis Time..: 09:00						
Total Organic Carbon			WO#: G6Q901AC-MS/G6Q901AD-MSD				MS Lot-Sample #: D5C220340-002		
	0.52	25.0	27.4	mg/L	108		MCAWW 415.1	03/25/05	5087155
	0.52	25.0	26.9	mg/L	106	2.0	MCAWW 415.1	03/25/05	5087155
			Dilution Factor: 1						
			Analysis Time..: 08:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C190131 **Work Order #...:** G6K5T-SMP G6K5T-DUP **Matrix.....:** WATER

Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #: D5C190131-002		
	ND	ND	mg/L	0	(0-20)	MCAWW 405.1	03/19/05	5078069

Dilution Factor: 1 Analysis Time..: 17:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C190131 **Work Order #...:** G6K86-SMP G6K86-DUP **Matrix.....:** WATER

Date Sampled...: 03/18/05 11:10 **Date Received..:** 03/19/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Conductance						SD Lot-Sample #:	D5C190140-002	
	230	230	umhos/cm	0.43	(0-7.0)	MCAWW 120.1	03/22/05	5081579

Dilution Factor: 1 Analysis Time..: 14:15

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C190131 **Work Order #...:** G6LQD-SMP G6LQD-DUP **Matrix.....:** WATER

Date Sampled...: 03/18/05 09:51 **Date Received..:** 03/19/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D5C190183-006		
	340 B,J	400	mg/L	16	(0-20)	MCAWW 160.1	03/25/05	5084444
			Dilution Factor: 1			Analysis Time..: 16:50		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C190131 **Work Order #...:** G62R1-SMP G62R1-DUP **Matrix.....:** WATER

Date Sampled...: 03/24/05 08:05 **Date Received..:** 03/25/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #:	D5C250208-001	
Total Alkalinity	250	280	mg/L	9.4	(0-10)	MCAWW 310.1	03/25/05	5087085

Dilution Factor: 1 Analysis Time..: 13:00

Chain of Custody Record

3-3
2-3
JB
3/19/05

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

TL-4124 (0901)

Client: SCS ENGINEERS	Project Manager: TINA S	Date: 3/18/05	Chain of Custody Number: 305639
Address: 3900 KILROY AIRPORT WAY #100	Telephone Number (Area Code)/Fax Number: (800) 326-9544	Lab Number:	Page 1 of 1
City: LONG BEACH; State: CA; Zip Code: 90806	Site Contact:	Lab Contact: BETSY F	
Project Name and Location (State): BRADLEY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 234 25662 -C			

Matrix / Containers & Preservatives / Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	GENERAL CHEMISTRY	Metals - Dissolved	TOX	COD/TOC	Volatiles-GCMS	BOD - 405.1	Metals - Total	Semivoa Organics	Total Sulfide	Cyanide	Special Instructions/ Conditions of Receipt
TRIP BLANK	3/18/05	0720		X						1							X						
4915B	3/18/05	0805		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X	
4916 J	3/18/05	1000		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/18/05	1530	1. Received By: [signature]	3/19/05	0830
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4915B (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC19031-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 18 05	08:05	1:30		60	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 917.64 (ft/msl)

Depth to Water (DTW) (from TOC): 196.82 (ft)

Groundwater Elevation (site datum, from TOC): 720.82 (ft/msl)

Total Well Depth (from TOC): 389 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 8.0 (in)

Casing Material: STEEL

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit Gal.	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:30	2.5 (1st)	8.60 (1st)	.422 (1st)	16.8	5.42	11.2	402	
08:40	4.0 (2nd)	8.61 (2nd)	.472 (2nd)	17.0	7.28	9.8	398	
08:50	6.0 (3rd)	8.59 (3rd)	.459 (3rd)	17.1	6.36	13.0	396	
	(4th)		(4th)					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 18 05	8.59	.459	17.1	6.36	13.0	396	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/18/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM Rev. 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 4916J (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC190131-003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs.min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 18 05	1000	2.00		20	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 867.13 (ft/msl)

Depth to Water (DTW) (from TOC): 260.25 (ft)

Groundwater Elevation (site datum, from TOC): 606.88 (ft/msl)

Total Well Depth (from TOC): 310.50 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:30	0.5 1st	8.12 1st	.584	19.1	0.96	8.0	381	
10:35	1.0 2nd	6.96 2nd	.826	18.7	0.75	6.9	392	
10:42	1.5 3rd	6.92 3rd	.885	18.2	0.82	4.7	396	
10:50	2.0 4th	6.84 4th	.890	18.6	0.85	4.0	398	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 18 05	6.84	.890	18.6	0.85	4.0	398	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/18/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12/00

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C220179
Groundwater

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

April 6, 2005

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Standard Deliverables

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Case Narrative

Enclosed is the report for three samples received at STL's Denver laboratory on March 22, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C220179

Sample Receiving

- The cooler temperatures upon receipt at the Denver laboratory were 5.8°C and 4.0°C.
- The 500 ml plastic bottle for total metals analysis for the sample 4916H was received empty, and therefore an aliquot from the unpreserved one liter plastic bottle was preserved with nitric acid for total metals analysis. The client was notified.
- All other sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Method Blanks

- Total Silver Method 6010B and Total Dissolved Solids (TDS) Method 160.1 were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.
- All other Method Blanks were within established control limits.

Laboratory Control Samples

- All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- The percent recoveries of the MS/MSD and/or the relative percent difference were not calculated for Dissolved Calcium and Dissolved Iron during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

- The method required MS/MSD could not be performed for Method 9030B/9034 due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- The Matrix Spike and Matrix Spike Duplicate performed on an unrelated sample exhibited MS and MSD recoveries outside control limits for Chemical Oxygen Demand (COD) Method 410.4. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

- Due to the result concentration exceeding the calibration range the MS/MSD results for Sulfate Method 300.0A are estimated.

- All other MS and MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D5C220179

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4916F 03/21/05 08:20 002				
Calcium - DISSOLVED	110000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	31000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	33000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	5800	5000	ug/L	SW846 6010B
Iron - DISSOLVED	180	100	ug/L	SW846 6010B
Mercury	0.048 B	0.20	ug/L	SW846 7470A
Silver	1.7 B,J	10	ug/L	SW846 6010B
Cobalt	2.6 B	10	ug/L	SW846 6010B
Antimony	3.2 B	10	ug/L	SW846 6010B
Manganese	3200	10	ug/L	SW846 6010B
Barium	180	100	ug/L	SW846 6010B
Potassium	5900	5000	ug/L	SW846 6010B
Chromium	17	10	ug/L	SW846 6010B
Nickel	8.0 B	40	ug/L	SW846 6010B
Boron	180	100	ug/L	SW846 6010B
Acetone	19 J	34	ug/L	SW846 8260B
Benzene	0.47 J	1.0	ug/L	SW846 8260B
Chlorobenzene	0.66 J	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	4.0 J	10	ug/L	SW846 8260B
Dichlorodifluoromethane	0.29 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	0.90 J	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	0.21 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.1 J	10	ug/L	SW846 8260B
1,2-Dichloropropane	0.84 J	5.0	ug/L	SW846 8260B
Tetrachloroethene	0.21 J	5.0	ug/L	SW846 8260B
Vinyl chloride	3.2	1.0	ug/L	SW846 8260B
Specific Conductance	760	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	480 J	10	mg/L	MCAWW 160.1
Biochemical Oxygen Demand (BOD)	6.0	2.0	mg/L	MCAWW 405.1
Chloride	22	3.0	mg/L	MCAWW 300.0A
Sulfate	49	5.0	mg/L	MCAWW 300.0A
Fluoride	0.24 B	1.0	mg/L	MCAWW 300.0A
Total Organic Carbon	1.4	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.5	1.0	mg/L	MCAWW 415.1
Total Organic Halogens	14 B	30	ug/L	SW846 9020B
Total Organic Halogens	12 B	30	ug/L	SW846 9020B
Total Sulfide	0.64 B	4.0	mg/L	SW846 9030B/9034
Bicarbonate, as CaCO3	350	5.0	mg/L	MCAWW 310.1
Total Alkalinity	350	5.0	mg/L	MCAWW 310.1

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EXECUTIVE SUMMARY - Detection Highlights

D5C220179

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4916F 03/21/05 08:20 002				
Chemical Oxygen Demand (COD)	5.6 B	8.0	mg/L	MCAWW 410.4
4916H 03/21/05 09:30 003				
Calcium - DISSOLVED	110000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	31000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	33000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	6000	5000	ug/L	SW846 6010B
Iron - DISSOLVED	190	100	ug/L	SW846 6010B
Mercury	0.070 B	0.20	ug/L	SW846 7470A
Silver	1.7 B,J	10	ug/L	SW846 6010B
Arsenic	4.0 B	10	ug/L	SW846 6010B
Cadmium	0.98 B	5.0	ug/L	SW846 6010B
Cobalt	1.7 B	10	ug/L	SW846 6010B
Manganese	2400	10	ug/L	SW846 6010B
Barium	190	100	ug/L	SW846 6010B
Potassium	6300	5000	ug/L	SW846 6010B
Chromium	6.9 B	10	ug/L	SW846 6010B
Nickel	6.2 B	40	ug/L	SW846 6010B
Zinc	5.3 B	20	ug/L	SW846 6010B
Boron	200	100	ug/L	SW846 6010B
Benzene	0.71 J	1.0	ug/L	SW846 8260B
Chlorobenzene	0.93 J	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	0.28 J	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	5.3 J	10	ug/L	SW846 8260B
Dichlorodifluoromethane	0.38 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	1.1 J	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	0.23 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.4 J	10	ug/L	SW846 8260B
1,2-Dichloropropane	1.1 J	5.0	ug/L	SW846 8260B
Tetrachloroethene	0.28 J	5.0	ug/L	SW846 8260B
Toluene	0.25 J	1.0	ug/L	SW846 8260B
Vinyl chloride	4.6	1.0	ug/L	SW846 8260B
Specific Conductance	820	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	520 J	10	mg/L	MCAWW 160.1
Biochemical Oxygen Demand (BOD)	3.8	2.0	mg/L	MCAWW 405.1
Chloride	23	3.0	mg/L	MCAWW 300.0A
Sulfate	54 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.27 B	1.0	mg/L	MCAWW 300.0A
Total Organic Carbon	1.3	1.0	mg/L	MCAWW 415.1

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EXECUTIVE SUMMARY - Detection Highlights

D5C220179

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4916H 03/21/05 09:30 003				
Total Organic Carbon	1.2	1.0	mg/L	MCAWW 415.1
Total Organic Halogens	12 B	30	ug/L	SW846 9020B
Total Organic Halogens	12 B	30	ug/L	SW846 9020B
Cyanide, Total	0.0090 B	0.010	mg/L	SW846 9012A
Total Sulfide	0.80 B	4.0	mg/L	SW846 9030B/9034
Bicarbonate, as CaCO3	380	5.0	mg/L	MCAWW 310.1
Total Alkalinity	380	5.0	mg/L	MCAWW 310.1
Chemical Oxygen Demand (COD)	7.3 B	8.0	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D5C220179

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	SW846 9012A	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Nitrate	MCAWW 300.0A	MCAWW 300.0A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfides, Total	SW846 9030B/903	SW846 9030B/903
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C220179

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate as N	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C220179

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Fougere M. Danielle	006481
MCAWW 160.1	David Kendall	002164
MCAWW 160.1	Duane Allee	001470
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Maria Fayard	002596
MCAWW 405.1	Fougere M. Danielle	006481
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Nicole Dean	008504
SW846 6010B	Janel Motichka	002862
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Jason Reinhardt	013454
SW846 8270C	Mike G. Hoffman	001880
SW846 9012A	Ewa Kudla	001167
SW846 9020B	Dave Elkin	000901
SW846 9030B/9034	Duane Allee	001470

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C220179

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G6PX3	001	TRIP BLANK	03/21/05	08:00
G6PX7	002	4916F	03/21/05	08:20
G6P0G	003	4916H	03/21/05	09:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C220179-001 **Work Order #...:** G6PX31AA **Matrix.....:** WATER
Date Sampled...: 03/21/05 08:00 **Date Received..:** 03/22/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5088010 **Analysis Time..:** 00:22
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C220179-001 **Work Order #...:** G6PX31AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 118)
1,2-Dichloroethane-d4	105	(62 - 128)
4-Bromofluorobenzene	91	(78 - 118)
Toluene-d8	105	(77 - 117)

Waste Management, Inc.

Client Sample ID: 4916F

GC/MS Volatiles

Lot-Sample #...: D5C220179-002 **Work Order #...:** G6PX71AT **Matrix.....:** WATER
Date Sampled...: 03/21/05 08:20 **Date Received..:** 03/22/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5088010 **Analysis Time..:** 00:41
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**19 J**	**34**	**ug/L**	**4.0**
Acrylonitrile	ND	100	ug/L	2.3
Benzene	**0.47 J**	**1.0**	**ug/L**	**0.15**
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	**0.66 J**	**5.0**	**ug/L**	**0.19**
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	**4.0 J**	**10**	**ug/L**	**0.20**
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	**0.29 J**	**10**	**ug/L**	**0.26**
1,1-Dichloroethane	**0.90 J**	**5.0**	**ug/L**	**0.24**
1,2-Dichloroethane	**0.21 J**	**5.0**	**ug/L**	**0.12**
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	**1.1 J**	**10**	**ug/L**	**0.14**
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	**0.84 J**	**5.0**	**ug/L**	**0.17**
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	**0.21 J**	**5.0**	**ug/L**	**0.20**

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Waste Management, Inc.

Client Sample ID: 4916F

GC/MS Volatiles

Lot-Sample #...: D5C220179-002 **Work Order #...:** G6PX71AT **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	**3.2**	**1.0**	**ug/L**	**0.28**
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(73 - 118)
1,2-Dichloroethane-d4	104	(62 - 128)
4-Bromofluorobenzene	91	(78 - 118)
Toluene-d8	101	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916H

GC/MS Volatiles

Lot-Sample #...: D5C220179-003 **Work Order #...:** G6P0G1A5 **Matrix.....:** WATER
Date Sampled...: 03/21/05 09:30 **Date Received..:** 03/22/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5088010 **Analysis Time..:** 01:41
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	**0.71 J**	**1.0**	**ug/L**	**0.15**
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	**0.93 J**	**5.0**	**ug/L**	**0.19**
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	**0.28 J**	**10**	**ug/L**	**0.25**
1,4-Dichlorobenzene	**5.3 J**	**10**	**ug/L**	**0.20**
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	**0.38 J**	**10**	**ug/L**	**0.26**
1,1-Dichloroethane	**1.1 J**	**5.0**	**ug/L**	**0.24**
1,2-Dichloroethane	**0.23 J**	**5.0**	**ug/L**	**0.12**
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	**1.4 J**	**10**	**ug/L**	**0.14**
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	**1.1 J**	**5.0**	**ug/L**	**0.17**
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	**0.28 J**	**5.0**	**ug/L**	**0.20**

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4916H

GC/MS Volatiles

Lot-Sample #...: D5C220179-003 **Work Order #...:** G6P0G1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	**0.25 J**	**1.0**	**ug/L**	**0.17**
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	**4.6**	**1.0**	**ug/L**	**0.28**
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(73 - 118)
1,2-Dichloroethane-d4	106	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	103	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916F

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-002 **Work Order #...:** G6PX71A5 **Matrix.....:** WATER
Date Sampled...: 03/21/05 08:20 **Date Received..:** 03/22/05
Prep Date.....: 03/25/05 **Analysis Date..:** 04/04/05
Prep Batch #...: 5084394 **Analysis Time..:** 18:04
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4916F

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-002 **Work Order #...:** G6PX71A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopentadiene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4916F

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-002 **Work Order #...:** G6PX71A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916F

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-002 **Work Order #...:** G6PX71A5 **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(33 - 106)
Phenol-d5	83	(40 - 105)
Nitrobenzene-d5	82	(48 - 108)
2-Fluorobiphenyl	74	(39 - 93)
2,4,6-Tribromophenol	81	(31 - 122)
Terphenyl-d14	82	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4916H

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-003 **Work Order #...:** G6P0G1AG **Matrix.....:** WATER
Date Sampled...: 03/21/05 09:30 **Date Received..:** 03/22/05
Prep Date.....: 03/25/05 **Analysis Date..:** 04/04/05
Prep Batch #...: 5084394 **Analysis Time..:** 18:27
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916H

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-003 **Work Order #...:** G6P0G1AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopentadiene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4916H

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-003 **Work Order #...:** G6P0G1AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916H

GC/MS Semivolatiles

Lot-Sample #...: D5C220179-003 **Work Order #...:** G6P0G1AG **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(33 - 106)
Phenol-d5	80	(40 - 105)
Nitrobenzene-d5	80	(48 - 108)
2-Fluorobiphenyl	67	(39 - 93)
2,4,6-Tribromophenol	77	(31 - 122)
Terphenyl-d14	93	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4916F

TOTAL Metals

Lot-Sample #...: D5C220179-002 **Matrix.....:** WATER
Date Sampled...: 03/21/05 08:20 **Date Received..:** 03/22/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081648						
Manganese	**3200**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6PX71AH**
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 1.9	
Barium	**180**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6PX71AJ**
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 2.1	
Potassium	**5900**	**5000**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6PX71AR**
		Dilution Factor: 1		Analysis Time..: 23:39	MDL.....: 250	
Silver	**1.7 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6PX71A8**
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6PX71A9
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6PX71CA
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 0.38	
Cobalt	**2.6 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6PX71CC**
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 0.91	
Chromium	**17**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6PX71CD**
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6PX71CE
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 1.6	
Nickel	**8.0 B**	**40**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6PX71CF**
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/23-03/24/05	G6PX71CG
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 1.5	
Antimony	**3.2 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6PX71CH**
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6PX71CJ
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 3.3	

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Waste Management, Inc.

Client Sample ID: 4916F

TOTAL Metals

Lot-Sample #...: D5C220179-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/23-03/24/05	G6PX71CK
		Dilution Factor: 1		Analysis Time..: 13:28	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/23-03/25/05	G6PX71CM
		Dilution Factor: 1		Analysis Time..: 23:39	MDL.....: 0.83	
Boron	**180**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6PX71CN**
		Dilution Factor: 1		Analysis Time..: 23:39	MDL.....: 13	
Prep Batch #...: 5083389						
Mercury	**0.048 B**	**0.20**	**ug/L**	**SW846 7470A**	**03/28/05**	**G6PX71CL**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916F

DISSOLVED Metals

Lot-Sample #...: D5C220179-002 Matrix.....: WATER
Date Sampled...: 03/21/05 08:20 Date Received..: 03/22/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081655						
Calcium	110000	200	ug/L	SW846 6010B	03/24-03/26/05	G6PX71AU
		Dilution Factor: 1		Analysis Time..: 03:09	MDL.....: 96	
Magnesium	31000	200	ug/L	SW846 6010B	03/24-03/26/05	G6PX71AV
		Dilution Factor: 1		Analysis Time..: 03:09	MDL.....: 17	
Sodium	33000	5000	ug/L	SW846 6010B	03/24-03/26/05	G6PX71AW
		Dilution Factor: 1		Analysis Time..: 03:09	MDL.....: 1400	
Potassium	5800	5000	ug/L	SW846 6010B	03/24-03/26/05	G6PX71AX
		Dilution Factor: 1		Analysis Time..: 03:09	MDL.....: 250	
Iron	180	100	ug/L	SW846 6010B	03/24-03/26/05	G6PX71A2
		Dilution Factor: 1		Analysis Time..: 03:09	MDL.....: 28	

Waste Management, Inc.

Client Sample ID: 4916H

TOTAL Metals

Lot-Sample #...: D5C220179-003 Matrix.....: WATER
Date Sampled...: 03/21/05 09:30 Date Received..: 03/22/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081648						
Manganese	**2400**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1AU**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 1.9	
Barium	**190**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1AV**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 2.1	
Potassium	**6300**	**5000**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6P0G1A4**
		Dilution Factor: 1		Analysis Time..: 23:44	MDL.....: 250	
Silver	**1.7 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1AK**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 0.37	
Arsenic	**4.0 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1AL**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 3.4	
Cadmium	**0.98 B**	**5.0**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1CA**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 0.38	
Cobalt	**1.7 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1CC**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 0.91	
Chromium	**6.9 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1CD**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 1.2	
Copper	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6P0G1CE
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 1.6	
Nickel	**6.2 B**	**40**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1CF**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/23-03/24/05	G6P0G1CG
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6P0G1CH
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6P0G1CJ
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 3.3	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4916H

TOTAL Metals

Lot-Sample #...: D5C220179-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	**5.3 B**	**20**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6P0G1CK**
		Dilution Factor: 1		Analysis Time..: 13:33	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/23-03/25/05	G6P0G1CM
		Dilution Factor: 1		Analysis Time..: 23:44	MDL.....: 0.83	
Boron	**200**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/05**	**G6P0G1CN**
		Dilution Factor: 1		Analysis Time..: 23:44	MDL.....: 13	
Prep Batch #...: 5083389						
Mercury	**0.070 B**	**0.20**	**ug/L**	**SW846 7470A**	**03/28/05**	**G6P0G1CL**
		Dilution Factor: 1		Analysis Time..: 16:38	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916H

DISSOLVED Metals

Lot-Sample #...: D5C220179-003 Matrix.....: WATER
Date Sampled...: 03/21/05 09:30 Date Received..: 03/22/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5081655						
Calcium	110000	200	ug/L	SW846 6010B	03/24-03/26/05	G6P0G1A6
		Dilution Factor: 1		Analysis Time..: 03:14	MDL.....: 96	
Magnesium	31000	200	ug/L	SW846 6010B	03/24-03/26/05	G6P0G1A7
		Dilution Factor: 1		Analysis Time..: 03:14	MDL.....: 17	
Sodium	33000	5000	ug/L	SW846 6010B	03/24-03/26/05	G6P0G1A8
		Dilution Factor: 1		Analysis Time..: 03:14	MDL.....: 1400	
Potassium	6000	5000	ug/L	SW846 6010B	03/24-03/26/05	G6P0G1A9
		Dilution Factor: 1		Analysis Time..: 03:14	MDL.....: 250	
Iron	190	100	ug/L	SW846 6010B	03/24-03/26/05	G6P0G1AD
		Dilution Factor: 1		Analysis Time..: 03:14	MDL.....: 28	

Waste Management, Inc.

Client Sample ID: 4916F

General Chemistry

Lot-Sample #...: D5C220179-002 **Work Order #...:** G6PX7 **Matrix.....:** WATER
Date Sampled...: 03/21/05 08:20 **Date Received..:** 03/22/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**350**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/28/05**	**5088449**
		Dilution Factor: 1		Analysis Time..: 10:26	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	**6.0**	**2.0**	**mg/L**	**MCAWW 405.1**	**03/23/05**	**5082412**
		Dilution Factor: 1		Analysis Time..: 07:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/28/05	5088450
		Dilution Factor: 1		Analysis Time..: 10:26	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	**5.6 B**	**8.0**	**mg/L**	**MCAWW 410.4**	**03/31/05**	**5091235**
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 4.0	
Chloride	**22**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/22/05**	**5082168**
		Dilution Factor: 1		Analysis Time..: 17:30	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.24 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/22/05**	**5082169**
		Dilution Factor: 1		Analysis Time..: 17:30	MDL.....: 0.10	
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	03/22/05	5082170
		Dilution Factor: 1		Analysis Time..: 17:30	MDL.....: 0.020	
Specific Conductance	**760**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/24/05**	**5083474**
		Dilution Factor: 1		Analysis Time..: 12:30	MDL.....:	
Sulfate	**49**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/22/05**	**5082167**
		Dilution Factor: 1		Analysis Time..: 17:30	MDL.....: 0.10	
Total Alkalinity	**350**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/28/05**	**5088448**
		Dilution Factor: 1		Analysis Time..: 10:26	MDL.....: 0.85	
Total Dissolved Solids	**480 J**	**10**	**mg/L**	**MCAWW 160.1**	**03/25/05**	**5084444**
		Dilution Factor: 1		Analysis Time..: 16:50	MDL.....: 3.6	
Total Organic Carbon	**1.4**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/28/05**	**5088122**
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	

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Waste Management, Inc.

Client Sample ID: 4916F

General Chemistry

Lot-Sample #...: D5C220179-002 Work Order #...: G6PX7 Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon 2	1.5	1.0	mg/L	MCAWW 415.1	03/28/05	5088122
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Halogens	14 B	30	ug/L	SW846 9020B	03/24/05	5084269
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 7.7	
Total Organic Halogens 2	12 B	30	ug/L	SW846 9020B	03/24/05	5084269
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 7.7	
Total Sulfide	0.64 B	4.0	mg/L	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916H

General Chemistry

Lot-Sample #...: D5C220179-003 **Work Order #...:** G6P0G **Matrix.....:** WATER
Date Sampled...: 03/21/05 09:30 **Date Received..:** 03/22/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**380**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/28/05**	**5088449**
		Dilution Factor: 1		Analysis Time..: 10:26	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	**3.8**	**2.0**	**mg/L**	**MCAWW 405.1**	**03/23/05**	**5082412**
		Dilution Factor: 1		Analysis Time..: 07:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/28/05	5088450
		Dilution Factor: 1		Analysis Time..: 10:26	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	**7.3 B**	**8.0**	**mg/L**	**MCAWW 410.4**	**03/31/05**	**5091235**
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 4.0	
Chloride	**23**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/22/05**	**5082168**
		Dilution Factor: 1		Analysis Time..: 19:09	MDL.....: 0.10	
Cyanide, Total	**0.0090 B**	**0.010**	**mg/L**	**SW846 9012A**	**03/29/05**	**5088480**
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.27 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/22/05**	**5082169**
		Dilution Factor: 1		Analysis Time..: 19:09	MDL.....: 0.10	
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	03/22/05	5082170
		Dilution Factor: 1		Analysis Time..: 19:09	MDL.....: 0.020	
Specific Conductance	**820**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/24/05**	**5083474**
		Dilution Factor: 1		Analysis Time..: 12:30	MDL.....:	
Sulfate	**54 Q**	**25**	**mg/L**	**MCAWW 300.0A**	**03/22/05**	**5082167**
		Dilution Factor: 5		Analysis Time..: 19:58	MDL.....: 0.50	
Total Alkalinity	**380**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/28/05**	**5088448**
		Dilution Factor: 1		Analysis Time..: 10:26	MDL.....: 0.85	
Total Dissolved Solids	**520 J**	**10**	**mg/L**	**MCAWW 160.1**	**03/25/05**	**5084444**
		Dilution Factor: 1		Analysis Time..: 16:50	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: 4916H

General Chemistry

Lot-Sample #...: D5C220179-003 Work Order #...: G6P0G Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	1.3	1.0	mg/L	MCAWW 415.1	03/28/05	5088122
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Carbon 2	1.2	1.0	mg/L	MCAWW 415.1	03/28/05	5088122
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.27	
Total Organic Halogens	12 B	30	ug/L	SW846 9020B	03/24/05	5084269
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 7.7	
Total Organic Halogens 2	12 B	30	ug/L	SW846 9020B	03/24/05	5084269
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 7.7	
Total Sulfide	0.80 B	4.0	mg/L	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D5C220179

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		5088010	5088297
002	WATER	MCAWW 120.1		5083474	5083289
	WATER	MCAWW 160.1		5084444	5089348
	WATER	MCAWW 310.1		5088450	
	WATER	MCAWW 405.1		5082412	5087284
	WATER	MCAWW 300.0A		5082168	5088254
	WATER	MCAWW 300.0A		5082167	5088259
	WATER	MCAWW 300.0A		5082169	5088253
	WATER	MCAWW 300.0A		5082170	5088257
	WATER	MCAWW 415.1		5088122	5088088
	WATER	SW846 9020B		5084269	5084164
	WATER	SW846 7470A		5083389	5083308
	WATER	SW846 8260B		5088010	5088297
	WATER	SW846 8270C		5084394	
	WATER	SW846 6010B		5081648	5081413
	WATER	SW846 6010B		5081655	5081418
	WATER	SW846 9012A		5088480	5088243
	WATER	SW846 9030B/9034		5083499	
	WATER	MCAWW 310.1		5088449	
	WATER	MCAWW 310.1		5088448	5088276
	WATER	MCAWW 410.4		5091235	5091161
003	WATER	MCAWW 120.1		5083474	5083289
	WATER	MCAWW 160.1		5084444	5089348
	WATER	MCAWW 310.1		5088450	
	WATER	MCAWW 405.1		5082412	5087284
	WATER	MCAWW 300.0A		5082168	5088254
	WATER	MCAWW 300.0A		5082167	5088259
	WATER	MCAWW 300.0A		5082169	5088253
	WATER	MCAWW 300.0A		5082170	5088257
	WATER	MCAWW 415.1		5088122	5088088
	WATER	SW846 9020B		5084269	5084164
	WATER	SW846 7470A		5083389	5083308
	WATER	SW846 8260B		5088010	5088297
	WATER	SW846 8270C		5084394	
	WATER	SW846 6010B		5081648	5081413
	WATER	SW846 6010B		5081655	5081418
	WATER	SW846 9012A		5088480	5088243
	WATER	SW846 9030B/9034		5083499	
	WATER	MCAWW 310.1		5088449	
	WATER	MCAWW 310.1		5088448	5088276
	WATER	MCAWW 410.4		5091235	5091161

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C220179 **Work Order #...:** G69GG1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C290000-010

Prep Date.....: 03/28/05 **Analysis Time..:** 20:11

Analysis Date..: 03/28/05 **Prep Batch #...:** 5088010
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	34	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C220179 **Work Order #...:** G69GG1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(73 - 118)
1,2-Dichloroethane-d4	109	(62 - 128)
4-Bromofluorobenzene	90	(78 - 118)
Toluene-d8	100	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C220179 **Work Order #...:** G69GG1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C290000-010
Prep Date.....: 03/28/05 **Analysis Date..:** 03/28/05
Prep Batch #...: 5088010 **Analysis Time..:** 19:50
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**114**	**(66 - 132)**	**SW846 8260B**
Benzene	**95**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**100**	**(78 - 118)**	**SW846 8260B**
Toluene	**103**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**101**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
1,2-Dichloroethane-d4	108	(62 - 128)
4-Bromofluorobenzene	90	(78 - 118)
Toluene-d8	101	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C220179 **Work Order #...:** G69GG1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C290000-010
Prep Date.....: 03/28/05 **Analysis Date..:** 03/28/05
Prep Batch #...: 5088010 **Analysis Time..:** 19:50
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.4**	**ug/L**	**114**	**SW846 8260B**
Benzene	**10.0**	**9.51**	**ug/L**	**95**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.96**	**ug/L**	**100**	**SW846 8260B**
Toluene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Trichloroethene	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
1,2-Dichloroethane-d4	108	(62 - 128)
4-Bromofluorobenzene	90	(78 - 118)
Toluene-d8	101	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C220179 **Work Order #...:** G6PX71C0-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C220179-002 G6PX71C1-MSD
Date Sampled...: 03/21/05 08:20 **Date Received..:** 03/22/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5088010 **Analysis Time..:** 01:01
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**105**	**(66 - 132)**			**SW846 8260B**
	112	**(66 - 132)**	**6.3**	**(0-26)**	**SW846 8260B**
Benzene	**93**	**(75 - 120)**			**SW846 8260B**
	91	**(75 - 120)**	**1.8**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**99**	**(78 - 118)**			**SW846 8260B**
	99	**(78 - 118)**	**0.01**	**(0-20)**	**SW846 8260B**
Toluene	**99**	**(78 - 118)**			**SW846 8260B**
	99	**(78 - 118)**	**0.43**	**(0-22)**	**SW846 8260B**
Trichloroethene	**97**	**(79 - 122)**			**SW846 8260B**
	97	**(79 - 122)**	**0.05**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(73 - 118)
	107	(73 - 118)
1,2-Dichloroethane-d4	102	(62 - 128)
	102	(62 - 128)
4-Bromofluorobenzene	93	(78 - 118)
	89	(78 - 118)
Toluene-d8	103	(77 - 117)
	100	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C220179 **Work Order #...:** G6PX71C0-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C220179-002 G6PX71C1-MSD
Date Sampled...: 03/21/05 08:20 **Date Received..:** 03/22/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5088010 **Analysis Time..:** 01:01
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**11.2**	**ug/L**	**112**	**6.3**	**SW846 8260B**
Benzene	**0.47**	**10.0**	**9.79**	**ug/L**	**93**		**SW846 8260B**
	0.47	**10.0**	**9.62**	**ug/L**	**91**	**1.8**	**SW846 8260B**
Chlorobenzene	**0.66**	**10.0**	**10.6**	**ug/L**	**99**		**SW846 8260B**
	0.66	**10.0**	**10.6**	**ug/L**	**99**	**0.01**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.93**	**ug/L**	**99**		**SW846 8260B**
	ND	**10.0**	**9.88**	**ug/L**	**99**	**0.43**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**9.67**	**ug/L**	**97**		**SW846 8260B**
	ND	**10.0**	**9.67**	**ug/L**	**97**	**0.05**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(73 - 118)
	107	(73 - 118)
1,2-Dichloroethane-d4	102	(62 - 128)
	102	(62 - 128)
4-Bromofluorobenzene	93	(78 - 118)
	89	(78 - 118)
Toluene-d8	103	(77 - 117)
	100	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220179 **Work Order #...:** G632K1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C250000-394

Prep Date.....: 03/25/05 **Analysis Time..:** 12:03
Analysis Date..: 04/01/05 **Prep Batch #...:** 5084394
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220179 **Work Order #...:** G632K1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220179 **Work Order #...:** G632K1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(33 - 106)
Phenol-d5	80	(40 - 105)
Nitrobenzene-d5	77	(48 - 108)
2-Fluorobiphenyl	77	(39 - 93)
2,4,6-Tribromophenol	76	(31 - 122)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220179 **Work Order #...:** G632K1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	93	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220179 **Work Order #...:** G632K1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-394
Prep Date.....: 03/25/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5084394 **Analysis Time..:** 23:32
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**74**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**67**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**73**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**76**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**78**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**77**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**70**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**95**	**(41 - 113)**	**SW846 8270C**
Phenol	**74**	**(57 - 103)**	**SW846 8270C**
Pyrene	**84**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**70**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	77	(55 - 100)
2-Fluorobiphenyl	72	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	86	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220179 **Work Order #...:** G632K1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-394
Prep Date.....: 03/25/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5084394 **Analysis Time..:** 23:32
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**74.3**	**ug/L**	**74**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**66.8**	**ug/L**	**67**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**109**	**ug/L**	**73**	**SW846 8270C**
2-Chlorophenol	**150**	**114**	**ug/L**	**76**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**78.0**	**ug/L**	**78**	**SW846 8270C**
4-Nitrophenol	**150**	**116**	**ug/L**	**77**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**70.4**	**ug/L**	**70**	**SW846 8270C**
Pentachlorophenol	**150**	**143**	**ug/L**	**95**	**SW846 8270C**
Phenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
Pyrene	**100**	**83.8**	**ug/L**	**84**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**70.0**	**ug/L**	**70**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	77	(55 - 100)
2-Fluorobiphenyl	72	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	86	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C220000-648 **Prep Batch #...:** 5081648						
Manganese	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AA
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Barium	ND	100	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AC
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Potassium	ND	5000	ug/L	SW846 6010B	03/23-03/25/05	G6RGT1AD
		Dilution Factor: 1				
		Analysis Time..: 22:17				
Silver	**1.2 B**	**10**	**ug/L**	**SW846 6010B**	**03/23-03/24/05**	**G6RGT1AE**
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Arsenic	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AF
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AG
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Cobalt	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AH
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Chromium	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AJ
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Copper	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AK
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Nickel	ND	40	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AL
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Lead	ND	3.0	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AM
		Dilution Factor: 1				
		Analysis Time..: 12:09				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AN
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Selenium	ND	5.0	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AP
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Zinc	ND	20	ug/L	SW846 6010B	03/23-03/24/05	G6RGT1AQ
		Dilution Factor: 1				
		Analysis Time..: 12:09				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/23-03/25/05	G6RGT1AR
		Dilution Factor: 1				
		Analysis Time..: 22:17				
Boron	ND	100	ug/L	SW846 6010B	03/23-03/25/05	G6RGT1AT
		Dilution Factor: 1				
		Analysis Time..: 22:17				

MB Lot-Sample #: D5C240000-389 **Prep Batch #...:** 5083389

Mercury	ND	0.20	ug/L	SW846 7470A	03/28/05	G60251AA
		Dilution Factor: 1				
		Analysis Time..: 16:20				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C220000-648 **Prep Batch #...:** 5081648					
Manganese	100	(90 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1AU
		Dilution Factor: 1	Analysis Time..: 12:14		
Barium	99	(93 - 113)	SW846 6010B	03/23-03/24/05	G6RGT1AV
		Dilution Factor: 1	Analysis Time..: 12:14		
Potassium	106	(86 - 111)	SW846 6010B	03/23-03/25/05	G6RGT1AW
		Dilution Factor: 1	Analysis Time..: 22:22		
Silver	104	(85 - 114)	SW846 6010B	03/23-03/24/05	G6RGT1AX
		Dilution Factor: 1	Analysis Time..: 12:14		
Arsenic	102	(89 - 109)	SW846 6010B	03/23-03/24/05	G6RGT1A0
		Dilution Factor: 1	Analysis Time..: 12:14		
Cadmium	102	(89 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A1
		Dilution Factor: 1	Analysis Time..: 12:14		
Cobalt	100	(86 - 107)	SW846 6010B	03/23-03/24/05	G6RGT1A2
		Dilution Factor: 1	Analysis Time..: 12:14		
Chromium	102	(89 - 112)	SW846 6010B	03/23-03/24/05	G6RGT1A3
		Dilution Factor: 1	Analysis Time..: 12:14		
Copper	96	(86 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A4
		Dilution Factor: 1	Analysis Time..: 12:14		
Nickel	102	(90 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A5
		Dilution Factor: 1	Analysis Time..: 12:14		
Lead	101	(91 - 111)	SW846 6010B	03/23-03/24/05	G6RGT1A6
		Dilution Factor: 1	Analysis Time..: 12:14		
Antimony	102	(88 - 108)	SW846 6010B	03/23-03/24/05	G6RGT1A7
		Dilution Factor: 1	Analysis Time..: 12:14		
Selenium	104	(88 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A8
		Dilution Factor: 1	Analysis Time..: 12:14		
Zinc	99	(85 - 110)	SW846 6010B	03/23-03/24/05	G6RGT1A9
		Dilution Factor: 1	Analysis Time..: 12:14		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	108	(88 - 112)	SW846 6010B	03/23-03/25/05	G6RGT1CA
		Dilution Factor: 1	Analysis Time..: 22:22		
Boron	110	(89 - 110)	SW846 6010B	03/23-03/25/05	G6RGT1CC
		Dilution Factor: 1	Analysis Time..: 22:22		

LCS Lot-Sample#: D5C240000-389 **Prep Batch #...:** 5083389

Mercury	99	(85 - 114)	SW846 7470A	03/28/05	G60251AC
		Dilution Factor: 1	Analysis Time..: 16:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

LCS Lot-Sample#: D5C220000-648 **Prep Batch #...:** 5081648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	501	ug/L	100	SW846 6010B	03/23-03/24/05	G6RGT1AU
			Dilution Factor: 1		Analysis Time..: 12:14		
Barium	2000	1990	ug/L	99	SW846 6010B	03/23-03/24/05	G6RGT1AV
			Dilution Factor: 1		Analysis Time..: 12:14		
Potassium	50000	52800	ug/L	106	SW846 6010B	03/23-03/25/05	G6RGT1AW
			Dilution Factor: 1		Analysis Time..: 22:22		
Silver	50.0	51.9	ug/L	104	SW846 6010B	03/23-03/24/05	G6RGT1AX
			Dilution Factor: 1		Analysis Time..: 12:14		
Arsenic	2000	2050	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A0
			Dilution Factor: 1		Analysis Time..: 12:14		
Cadmium	50.0	51.2	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A1
			Dilution Factor: 1		Analysis Time..: 12:14		
Cobalt	500	500	ug/L	100	SW846 6010B	03/23-03/24/05	G6RGT1A2
			Dilution Factor: 1		Analysis Time..: 12:14		
Chromium	200	204	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A3
			Dilution Factor: 1		Analysis Time..: 12:14		
Copper	250	240	ug/L	96	SW846 6010B	03/23-03/24/05	G6RGT1A4
			Dilution Factor: 1		Analysis Time..: 12:14		
Nickel	500	510	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A5
			Dilution Factor: 1		Analysis Time..: 12:14		
Lead	500	505	ug/L	101	SW846 6010B	03/23-03/24/05	G6RGT1A6
			Dilution Factor: 1		Analysis Time..: 12:14		
Antimony	500	508	ug/L	102	SW846 6010B	03/23-03/24/05	G6RGT1A7
			Dilution Factor: 1		Analysis Time..: 12:14		
Selenium	2000	2080	ug/L	104	SW846 6010B	03/23-03/24/05	G6RGT1A8
			Dilution Factor: 1		Analysis Time..: 12:14		
Zinc	500	496	ug/L	99	SW846 6010B	03/23-03/24/05	G6RGT1A9
			Dilution Factor: 1		Analysis Time..: 12:14		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	50.0	53.8	ug/L	108	SW846 6010B	03/23-03/25/05	G6RGT1CA
			Dilution Factor: 1		Analysis Time..: 22:22		
Boron	1000	1100	ug/L	110	SW846 6010B	03/23-03/25/05	G6RGT1CC
			Dilution Factor: 1		Analysis Time..: 22:22		

LCS Lot-Sample#: D5C240000-389 **Prep Batch #...:** 5083389

Mercury	5.00	4.97	ug/L	99	SW846 7470A	03/28/05	G60251AC
			Dilution Factor: 1		Analysis Time..: 16:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C190131-002 **Prep Batch #...:** 5081648							
Manganese	100	(79 - 121)			SW846 6010B	03/23-03/24/05	G6K5T1CP
	99	(79 - 121)	1.7	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1CQ
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Barium	101	(85 - 120)			SW846 6010B	03/23-03/24/05	G6K5T1CR
	99	(85 - 120)	1.7	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1CT
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Potassium	107	(76 - 132)			SW846 6010B	03/23-03/25/05	G6K5T1CU
	105	(76 - 132)	1.5	(0-25)	SW846 6010B	03/23-03/25/05	G6K5T1CV
		Dilution Factor: 1					
		Analysis Time..: 22:37					
Silver	102	(75 - 141)			SW846 6010B	03/23-03/24/05	G6K5T1CW
	101	(75 - 141)	0.80	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1CX
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Arsenic	104	(84 - 124)			SW846 6010B	03/23-03/24/05	G6K5T1C0
	103	(84 - 124)	1.0	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C1
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Cadmium	103	(82 - 119)			SW846 6010B	03/23-03/24/05	G6K5T1C2
	101	(82 - 119)	1.6	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C3
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Cobalt	100	(82 - 119)			SW846 6010B	03/23-03/24/05	G6K5T1C4
	99	(82 - 119)	1.1	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C5
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Chromium	103	(73 - 135)			SW846 6010B	03/23-03/24/05	G6K5T1C6
	101	(73 - 135)	1.6	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C7
		Dilution Factor: 1					
		Analysis Time..: 13:14					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	98	(82 - 129)			SW846 6010B	03/23-03/24/05	G6K5T1C8
	96	(82 - 129)	1.7	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1C9
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Nickel	102	(84 - 120)			SW846 6010B	03/23-03/24/05	G6K5T1DA
	101	(84 - 120)	0.68	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DC
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Lead	101	(89 - 121)			SW846 6010B	03/23-03/24/05	G6K5T1DD
	100	(89 - 121)	0.80	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DE
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Antimony	103	(81 - 124)			SW846 6010B	03/23-03/24/05	G6K5T1DF
	102	(81 - 124)	0.44	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DG
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Selenium	103	(71 - 140)			SW846 6010B	03/23-03/24/05	G6K5T1DH
	103	(71 - 140)	0.25	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DJ
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Zinc	100	(60 - 137)			SW846 6010B	03/23-03/24/05	G6K5T1DK
	99	(60 - 137)	1.0	(0-25)	SW846 6010B	03/23-03/24/05	G6K5T1DL
		Dilution Factor: 1					
		Analysis Time..: 13:14					
Beryllium	108	(79 - 121)			SW846 6010B	03/23-03/25/05	G6K5T1DM
	106	(79 - 121)	1.8	(0-25)	SW846 6010B	03/23-03/25/05	G6K5T1DN
		Dilution Factor: 1					
		Analysis Time..: 22:37					
Boron	111	(87 - 113)			SW846 6010B	03/23-03/25/05	G6K5T1DP
	109	(87 - 113)	1.3	(0-25)	SW846 6010B	03/23-03/25/05	G6K5T1DQ
		Dilution Factor: 1					
		Analysis Time..: 22:37					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C190131-002 **Prep Batch #...:** 5081648									
Manganese									
	31	500	533	ug/L	100		SW846 6010B	03/23-03/24/05	G6K5T1CP
	31	500	524	ug/L	99	1.7	SW846 6010B	03/23-03/24/05	G6K5T1CQ
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Barium									
	53	2000	2080	ug/L	101		SW846 6010B	03/23-03/24/05	G6K5T1CR
	53	2000	2040	ug/L	99	1.7	SW846 6010B	03/23-03/24/05	G6K5T1CT
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Potassium									
	3400	50000	56900	ug/L	107		SW846 6010B	03/23-03/25/05	G6K5T1CU
	3400	50000	56100	ug/L	105	1.5	SW846 6010B	03/23-03/25/05	G6K5T1CV
			Dilution Factor: 1						
			Analysis Time..: 22:37						
Silver									
	1.3	50.0	52.3	ug/L	102		SW846 6010B	03/23-03/24/05	G6K5T1CW
	1.3	50.0	51.9	ug/L	101	0.80	SW846 6010B	03/23-03/24/05	G6K5T1CX
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Arsenic									
	4.2	2000	2080	ug/L	104		SW846 6010B	03/23-03/24/05	G6K5T1C0
	4.2	2000	2060	ug/L	103	1.0	SW846 6010B	03/23-03/24/05	G6K5T1C1
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Cadmium									
	ND	50.0	51.5	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1C2
	ND	50.0	50.7	ug/L	101	1.6	SW846 6010B	03/23-03/24/05	G6K5T1C3
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Cobalt									
	ND	500	500	ug/L	100		SW846 6010B	03/23-03/24/05	G6K5T1C4
	ND	500	495	ug/L	99	1.1	SW846 6010B	03/23-03/24/05	G6K5T1C5
			Dilution Factor: 1						
			Analysis Time..: 13:14						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	ND	200	206	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1C6
	ND	200	203	ug/L	101	1.6	SW846 6010B	03/23-03/24/05	G6K5T1C7
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Copper									
	ND	250	245	ug/L	98		SW846 6010B	03/23-03/24/05	G6K5T1C8
	ND	250	241	ug/L	96	1.7	SW846 6010B	03/23-03/24/05	G6K5T1C9
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Nickel									
	ND	500	508	ug/L	102		SW846 6010B	03/23-03/24/05	G6K5T1DA
	ND	500	505	ug/L	101	0.68	SW846 6010B	03/23-03/24/05	G6K5T1DC
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Lead									
	ND	500	507	ug/L	101		SW846 6010B	03/23-03/24/05	G6K5T1DD
	ND	500	502	ug/L	100	0.80	SW846 6010B	03/23-03/24/05	G6K5T1DE
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Antimony									
	ND	500	515	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1DF
	ND	500	513	ug/L	102	0.44	SW846 6010B	03/23-03/24/05	G6K5T1DG
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Selenium									
	ND	2000	2070	ug/L	103		SW846 6010B	03/23-03/24/05	G6K5T1DH
	ND	2000	2070	ug/L	103	0.25	SW846 6010B	03/23-03/24/05	G6K5T1DJ
			Dilution Factor: 1						
			Analysis Time..: 13:14						
Zinc									
	ND	500	503	ug/L	100		SW846 6010B	03/23-03/24/05	G6K5T1DK
	ND	500	497	ug/L	99	1.0	SW846 6010B	03/23-03/24/05	G6K5T1DL
			Dilution Factor: 1						
			Analysis Time..: 13:14						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/18/05 08:05 **Date Received..:** 03/19/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	ND	50.0	54.2	ug/L	108		SW846 6010B	03/23-03/25/05	G6K5T1DM
	ND	50.0	53.2	ug/L	106	1.8	SW846 6010B	03/23-03/25/05	G6K5T1DN
			Dilution Factor: 1						
			Analysis Time..: 22:37						
Boron									
	160	1000	1270	ug/L	111		SW846 6010B	03/23-03/25/05	G6K5T1DP
	160	1000	1250	ug/L	109	1.3	SW846 6010B	03/23-03/25/05	G6K5T1DQ
			Dilution Factor: 1						
			Analysis Time..: 22:37						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/17/05 09:20 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180371-002 **Prep Batch #...:** 5083389							
Mercury	98	(85 - 114)			SW846 7470A	03/28/05	G6KJP1A5
	98	(85 - 114)	0.05	(0-10)	SW846 7470A	03/28/05	G6KJP1A6

Dilution Factor: 1
Analysis Time..: 16:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/17/05 09:20 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180371-002 **Prep Batch #...:** 5083389									
Mercury									
	ND	5.00	4.92	ug/L	98		SW846 7470A	03/28/05	G6KJP1A5
	ND	5.00	4.92	ug/L	98	0.05	SW846 7470A	03/28/05	G6KJP1A6

Dilution Factor: 1
Analysis Time..: 16:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C220000-655 **Prep Batch #...:** 5081655						
Calcium	ND	200	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AC
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Magnesium	ND	200	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AE
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Sodium	ND	5000	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AF
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Potassium	ND	5000	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AD
		Dilution Factor: 1				
		Analysis Time..: 02:02				
Iron	ND	100	ug/L	SW846 6010B	03/24-03/26/05	G6RG41AM
		Dilution Factor: 1				
		Analysis Time..: 02:02				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C220000-655 **Prep Batch #...:** 5081655					
Calcium	108	(89 - 110)	SW846 6010B	03/24-03/26/05	G6RG41AH
		Dilution Factor: 1	Analysis Time..: 02:07		
Magnesium	107	(91 - 111)	SW846 6010B	03/24-03/26/05	G6RG41AK
		Dilution Factor: 1	Analysis Time..: 02:07		
Sodium	109	(91 - 112)	SW846 6010B	03/24-03/26/05	G6RG41AL
		Dilution Factor: 1	Analysis Time..: 02:07		
Potassium	105	(86 - 111)	SW846 6010B	03/24-03/26/05	G6RG41AJ
		Dilution Factor: 1	Analysis Time..: 02:07		
Iron	109	(88 - 110)	SW846 6010B	03/24-03/26/05	G6RG41AN
		Dilution Factor: 1	Analysis Time..: 02:07		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C220000-655 **Prep Batch #...:** 5081655							
Calcium	50000	53800	ug/L	108	SW846 6010B	03/24-03/26/05	G6RG41AH
			Dilution Factor: 1		Analysis Time..: 02:07		
Magnesium	50000	53500	ug/L	107	SW846 6010B	03/24-03/26/05	G6RG41AK
			Dilution Factor: 1		Analysis Time..: 02:07		
Sodium	50000	54700	ug/L	109	SW846 6010B	03/24-03/26/05	G6RG41AL
			Dilution Factor: 1		Analysis Time..: 02:07		
Potassium	50000	52700	ug/L	105	SW846 6010B	03/24-03/26/05	G6RG41AJ
			Dilution Factor: 1		Analysis Time..: 02:07		
Iron	1000	1090	ug/L	109	SW846 6010B	03/24-03/26/05	G6RG41AN
			Dilution Factor: 1		Analysis Time..: 02:07		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/17/05 08:27 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180405-001 **Prep Batch #...:** 5081655							
Calcium	NC,MSB	(48 - 153)			SW846 6010B	03/24-03/26/05	G6KPA1DA
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DC
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Magnesium	107	(62 - 146)			SW846 6010B	03/24-03/26/05	G6KPA1DF
	106	(62 - 146)	0.74	(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DG
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Sodium	108	(70 - 203)			SW846 6010B	03/24-03/26/05	G6KPA1DH
	107	(70 - 203)	0.71	(0-40)	SW846 6010B	03/24-03/26/05	G6KPA1DJ
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Potassium	106	(76 - 132)			SW846 6010B	03/24-03/26/05	G6KPA1DD
	106	(76 - 132)	0.24	(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DE
		Dilution Factor: 1					
		Analysis Time..: 02:22					
Iron	NC,MSB	(52 - 155)			SW846 6010B	03/24-03/26/05	G6KPA1DL
	NC,MSB	(52 - 155)		(0-25)	SW846 6010B	03/24-03/26/05	G6KPA1DM
		Dilution Factor: 1					
		Analysis Time..: 02:22					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/17/05 08:27 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180405-001 **Prep Batch #...:** 5081655									
Calcium									
	220000	50000	276000	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DA
			Qualifiers: NC,MSB						
	220000	50000	270000	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DC
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Magnesium									
	35000	50000	88900	ug/L	107		SW846 6010B	03/24-03/26/05	G6KPA1DF
	35000	50000	88300	ug/L	106	0.74	SW846 6010B	03/24-03/26/05	G6KPA1DG
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Sodium									
	69000	50000	123000	ug/L	108		SW846 6010B	03/24-03/26/05	G6KPA1DH
	69000	50000	122000	ug/L	107	0.71	SW846 6010B	03/24-03/26/05	G6KPA1DJ
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Potassium									
	78000	50000	131000	ug/L	106		SW846 6010B	03/24-03/26/05	G6KPA1DD
	78000	50000	131000	ug/L	106	0.24	SW846 6010B	03/24-03/26/05	G6KPA1DE
			Dilution Factor: 1						
			Analysis Time..: 02:22						
Iron									
	17000	1000	17500	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DL
			Qualifiers: NC,MSB						
	17000	1000	17300	ug/L			SW846 6010B	03/24-03/26/05	G6KPA1DM
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 02:22						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		Work Order #: G66221AA		MB Lot-Sample #:	D5C230000-412	
	ND	2.0	mg/L	MCAWW 405.1	03/23/05	5082412
		Dilution Factor: 1				
		Analysis Time..: 07:25				
Chemical Oxygen Demand (COD)		Work Order #: G7GWC1AA		MB Lot-Sample #:	D5D010000-235	
	ND	8.0	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Chloride		Work Order #: G685J1AA		MB Lot-Sample #:	D5C230000-168	
	ND	3.0	mg/L	MCAWW 300.0A	03/22/05	5082168
		Dilution Factor: 1				
		Analysis Time..: 17:13				
Fluoride		Work Order #: G68481AA		MB Lot-Sample #:	D5C230000-169	
	ND	1.0	mg/L	MCAWW 300.0A	03/22/05	5082169
		Dilution Factor: 1				
		Analysis Time..: 17:13				
Nitrate		Work Order #: G68551AA		MB Lot-Sample #:	D5C230000-170	
	ND	0.50	mg/L	MCAWW 300.0A	03/22/05	5082170
		Dilution Factor: 1				
		Analysis Time..: 17:13				
Specific Conductance		Work Order #: G60WH1AA		MB Lot-Sample #:	D5C240000-474	
	ND	2.0	umhos/cm	MCAWW 120.1	03/24/05	5083474
		Dilution Factor: 1				
		Analysis Time..: 12:30				
Sulfate		Work Order #: G686C1AA		MB Lot-Sample #:	D5C230000-167	
	ND	5.0	mg/L	MCAWW 300.0A	03/22/05	5082167
		Dilution Factor: 1				
		Analysis Time..: 17:13				
Total Alkalinity		Work Order #: G689G1AA		MB Lot-Sample #:	D5C290000-448	
	ND	5.0	mg/L	MCAWW 310.1	03/28/05	5088448
		Dilution Factor: 1				
		Analysis Time..: 10:26				
Total Cyanide		Work Order #: G681W1AA		MB Lot-Sample #:	D5C290000-480	
	ND	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				
		Analysis Time..: 14:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C220179 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: G7C561AA		MB Lot-Sample #:	D5C250000-444	
	8.0 B	**10**	**mg/L**	**MCAWW 160.1**	**03/25/05**	**5084444**
		Dilution Factor: 1				
		Analysis Time..: 16:50				
Total Organic Halogens		Work Order #: G623P1AA		MB Lot-Sample #:	D5C250000-269	
	ND	30	ug/L	SW846 9020B	03/24/05	5084269
		Dilution Factor: 1				
		Analysis Time..: 10:00				
Total Organic Carbon		Work Order #: G670J1AA		MB Lot-Sample #:	D5C290000-122	
	ND	1.0	mg/L	MCAWW 415.1	03/28/05	5088122
		Dilution Factor: 1				
		Analysis Time..: 17:00				
Total Sulfide		Work Order #: G7AMG1AA		MB Lot-Sample #:	D5C240000-499	
	ND	4.0	mg/L	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C220179 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G66221AC-LCS/G66221AD-LCSD LCS Lot-Sample#: D5C230000-412					
	103	(85 - 115)			MCAWW 405.1	03/23/05	5082412
	93	(85 - 115)	10	(0-20)	MCAWW 405.1	03/23/05	5082412
		Dilution Factor: 1			Analysis Time..: 07:25		
Chemical Oxygen Demand (COD)		WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD LCS Lot-Sample#: D5D010000-235					
	109	(85 - 115)			MCAWW 410.4	03/31/05	5091235
	110	(85 - 115)	0.31	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1			Analysis Time..: 15:00		
Chloride		WO#:G685J1AC-LCS/G685J1AD-LCSD LCS Lot-Sample#: D5C230000-168					
	91	(90 - 110)			MCAWW 300.0A	03/22/05	5082168
	92	(90 - 110)	0.87	(0-10)	MCAWW 300.0A	03/22/05	5082168
		Dilution Factor: 1			Analysis Time..: 16:40		
Fluoride		WO#:G68481AC-LCS/G68481AD-LCSD LCS Lot-Sample#: D5C230000-169					
	91	(90 - 110)			MCAWW 300.0A	03/22/05	5082169
	92	(90 - 110)	1.4	(0-10)	MCAWW 300.0A	03/22/05	5082169
		Dilution Factor: 1			Analysis Time..: 16:40		
Nitrate		WO#:G68551AC-LCS/G68551AD-LCSD LCS Lot-Sample#: D5C230000-170					
	90	(90 - 110)			MCAWW 300.0A	03/22/05	5082170
	93	(90 - 110)	2.7	(0-10)	MCAWW 300.0A	03/22/05	5082170
		Dilution Factor: 1			Analysis Time..: 16:40		
Specific Conductance		WO#:G60WH1AC-LCS/G60WH1AD-LCSD LCS Lot-Sample#: D5C240000-474					
	98	(89 - 109)			MCAWW 120.1	03/24/05	5083474
	98	(89 - 109)	0.14	(0-7.0)	MCAWW 120.1	03/24/05	5083474
		Dilution Factor: 1			Analysis Time..: 12:30		
Sulfate		WO#:G686C1AC-LCS/G686C1AD-LCSD LCS Lot-Sample#: D5C230000-167					
	92	(90 - 110)			MCAWW 300.0A	03/22/05	5082167
	93	(90 - 110)	1.1	(0-10)	MCAWW 300.0A	03/22/05	5082167
		Dilution Factor: 1			Analysis Time..: 16:40		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C220179 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G689G1AC-LCS/G689G1AD-LCSD				LCS Lot-Sample#: D5C290000-448	
	104	(95 - 110)			MCAWW 310.1	03/28/05	5088448
	104	(95 - 110)	0.67	(0-10)	MCAWW 310.1	03/28/05	5088448
		Dilution Factor: 1			Analysis Time..: 10:26		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD				LCS Lot-Sample#: D5C290000-480	
	100	(89 - 109)			SW846 9012A	03/29/05	5088480
	104	(89 - 109)	3.9	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1			Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G7C561AC-LCS/G7C561AD-LCSD				LCS Lot-Sample#: D5C250000-444	
	102	(86 - 106)			MCAWW 160.1	03/25/05	5084444
	102	(86 - 106)	0.0	(0-20)	MCAWW 160.1	03/25/05	5084444
		Dilution Factor: 1			Analysis Time..: 16:50		
Total Organic Halogens		WO#:G623P1AC-LCS/G623P1AD-LCSD				LCS Lot-Sample#: D5C250000-269	
	99	(75 - 113)			SW846 9020B	03/24/05	5084269
	96	(75 - 113)	3.3	(0-30)	SW846 9020B	03/24/05	5084269
		Dilution Factor: 1			Analysis Time..: 10:00		
Total Organic Carbon		WO#:G670J1AC-LCS/G670J1AD-LCSD				LCS Lot-Sample#: D5C290000-122	
	101	(89 - 113)			MCAWW 415.1	03/28/05	5088122
	100	(89 - 113)	1.6	(0-10)	MCAWW 415.1	03/28/05	5088122
		Dilution Factor: 1			Analysis Time..: 08:00		
Total Sulfide		WO#:G7AMG1AC-LCS/G7AMG1AD-LCSD				LCS Lot-Sample#: D5C240000-499	
	86	(70 - 130)			SW846 9030B/9034	03/24/05	5083499
	87	(70 - 130)	1.0	(0-20)	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1			Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C220179 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G66221AC-LCS/G66221AD-LCSD				LCS Lot-Sample#: D5C230000-412		
	198	204	mg/L	103		MCAWW 405.1	03/23/05	5082412
	198	184	mg/L	93	10	MCAWW 405.1	03/23/05	5082412
		Dilution Factor: 1				Analysis Time..: 07:25		
Chemical Oxygen Demand (COD)		WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD				LCS Lot-Sample#: D5D010000-235		
	100	109	mg/L	109		MCAWW 410.4	03/31/05	5091235
	100	110	mg/L	110	0.31	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1				Analysis Time..: 15:00		
Chloride		WO#:G685J1AC-LCS/G685J1AD-LCSD				LCS Lot-Sample#: D5C230000-168		
	20.0	18.2	mg/L	91		MCAWW 300.0A	03/22/05	5082168
	20.0	18.4	mg/L	92	0.87	MCAWW 300.0A	03/22/05	5082168
		Dilution Factor: 1				Analysis Time..: 16:40		
Fluoride		WO#:G68481AC-LCS/G68481AD-LCSD				LCS Lot-Sample#: D5C230000-169		
	4.00	3.64	mg/L	91		MCAWW 300.0A	03/22/05	5082169
	4.00	3.69	mg/L	92	1.4	MCAWW 300.0A	03/22/05	5082169
		Dilution Factor: 1				Analysis Time..: 16:40		
Nitrate		WO#:G68551AC-LCS/G68551AD-LCSD				LCS Lot-Sample#: D5C230000-170		
	4.00	3.62	mg/L	90		MCAWW 300.0A	03/22/05	5082170
	4.00	3.72	mg/L	93	2.7	MCAWW 300.0A	03/22/05	5082170
		Dilution Factor: 1				Analysis Time..: 16:40		
Specific Conductance		WO#:G60WH1AC-LCS/G60WH1AD-LCSD				LCS Lot-Sample#: D5C240000-474		
	1410	1380	umhos/cm	98		MCAWW 120.1	03/24/05	5083474
	1410	1380	umhos/cm	98	0.14	MCAWW 120.1	03/24/05	5083474
		Dilution Factor: 1				Analysis Time..: 12:30		
Sulfate		WO#:G686C1AC-LCS/G686C1AD-LCSD				LCS Lot-Sample#: D5C230000-167		
	20.0	18.3	mg/L	92		MCAWW 300.0A	03/22/05	5082167
	20.0	18.5	mg/L	93	1.1	MCAWW 300.0A	03/22/05	5082167
		Dilution Factor: 1				Analysis Time..: 16:40		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C220179 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G689G1AC-LCS/G689G1AD-LCSD				LCS Lot-Sample#: D5C290000-448		
	200	207	mg/L	104		MCAWW 310.1	03/28/05	5088448
	200	209	mg/L	104	0.67	MCAWW 310.1	03/28/05	5088448
		Dilution Factor: 1				Analysis Time..: 10:26		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD				LCS Lot-Sample#: D5C290000-480		
	0.100	0.100	mg/L	100		SW846 9012A	03/29/05	5088480
	0.100	0.104	mg/L	104	3.9	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G7C561AC-LCS/G7C561AD-LCSD				LCS Lot-Sample#: D5C250000-444		
	500	512	mg/L	102		MCAWW 160.1	03/25/05	5084444
	500	512	mg/L	102	0.0	MCAWW 160.1	03/25/05	5084444
		Dilution Factor: 1				Analysis Time..: 16:50		
Total Organic Halogens		WO#:G623P1AC-LCS/G623P1AD-LCSD				LCS Lot-Sample#: D5C250000-269		
	100	99.2	ug/L	99		SW846 9020B	03/24/05	5084269
	100	96.0	ug/L	96	3.3	SW846 9020B	03/24/05	5084269
		Dilution Factor: 1				Analysis Time..: 10:00		
Total Organic Carbon		WO#:G670J1AC-LCS/G670J1AD-LCSD				LCS Lot-Sample#: D5C290000-122		
	25.0	25.3	mg/L	101		MCAWW 415.1	03/28/05	5088122
	25.0	24.9	mg/L	100	1.6	MCAWW 415.1	03/28/05	5088122
		Dilution Factor: 1				Analysis Time..: 08:00		
Total Sulfide		WO#:G7AMG1AC-LCS/G7AMG1AD-LCSD				LCS Lot-Sample#: D5C240000-499		
	17.5	15.0	mg/L	86		SW846 9030B/9034	03/24/05	5083499
	17.5	15.2	mg/L	87	1.0	SW846 9030B/9034	03/24/05	5083499
		Dilution Factor: 1				Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/22/05 13:40 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002	
	114 N	(74 - 109)			MCAWW 410.4	03/31/05	5091235
	111 N	(74 - 109)	2.8	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1					
		Analysis Time..: 15:00					
Chloride		WO#: G6PX71CR-MS/G6PX71CT-MSD				MS Lot-Sample #: D5C220179-002	
	103	(80 - 120)			MCAWW 300.0A	03/22/05	5082168
	105	(80 - 120)	1.1	(0-20)	MCAWW 300.0A	03/22/05	5082168
		Dilution Factor: 1					
		Analysis Time..: 17:46					
Fluoride		WO#: G6PX71CP-MS/G6PX71CQ-MSD				MS Lot-Sample #: D5C220179-002	
	105	(80 - 120)			MCAWW 300.0A	03/22/05	5082169
	109	(80 - 120)	3.4	(0-20)	MCAWW 300.0A	03/22/05	5082169
		Dilution Factor: 1					
		Analysis Time..: 17:46					
Nitrate		WO#: G6PX71CU-MS/G6PX71CV-MSD				MS Lot-Sample #: D5C220179-002	
	101	(80 - 120)			MCAWW 300.0A	03/22/05	5082170
	103	(80 - 120)	1.4	(0-20)	MCAWW 300.0A	03/22/05	5082170
		Dilution Factor: 1					
		Analysis Time..: 17:46					
Sulfate		WO#: G6PX71CW-MS/G6PX71CX-MSD				MS Lot-Sample #: D5C220179-002	
	99 I	(80 - 120)			MCAWW 300.0A	03/22/05	5082167
	101 I	(80 - 120)	0.60	(0-20)	MCAWW 300.0A	03/22/05	5082167
		Dilution Factor: 1					
		Analysis Time..: 17:46					
Total Cyanide		WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001	
	97	(78 - 120)			SW846 9012A	03/29/05	5088480
	98	(78 - 120)	1.3	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Halogens		WO#: G6L171AG-MS/G6L171AH-MSD				MS Lot-Sample #: I5C190198-005	
	91	(75 - 113)			SW846 9020B	03/24/05	5084267
	94	(75 - 113)	2.3	(0-30)	SW846 9020B	03/24/05	5084267
		Dilution Factor: 1					
		Analysis Time..: 10:00					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/22/05 13:40 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		WO#:	G608X1AC-MS/G608X1AD-MSD			MS Lot-Sample #: D5C240397-008	
	105	(73 - 124)			MCAWW 415.1	03/28/05	5088120
	103	(73 - 124)	2.2	(0-10)	MCAWW 415.1	03/28/05	5088120

Dilution Factor: 1
Analysis Time..: 17:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/22/05 13:40 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002		
	4.9	50.0	62.0 N	mg/L	114		MCAWW 410.4	03/31/05	5091235
	4.9	50.0	60.3 N	mg/L	111	2.8	MCAWW 410.4	03/31/05	5091235
			Dilution Factor: 1						
			Analysis Time..: 15:00						
Chloride			WO#: G6PX71CR-MS/G6PX71CT-MSD				MS Lot-Sample #: D5C220179-002		
	22	25.0	48.0	mg/L	103		MCAWW 300.0A	03/22/05	5082168
	22	25.0	48.5	mg/L	105	1.1	MCAWW 300.0A	03/22/05	5082168
			Dilution Factor: 1						
			Analysis Time..: 17:46						
Fluoride			WO#: G6PX71CP-MS/G6PX71CQ-MSD				MS Lot-Sample #: D5C220179-002		
	0.24	5.00	5.49	mg/L	105		MCAWW 300.0A	03/22/05	5082169
	0.24	5.00	5.68	mg/L	109	3.4	MCAWW 300.0A	03/22/05	5082169
			Dilution Factor: 1						
			Analysis Time..: 17:46						
Nitrate			WO#: G6PX71CU-MS/G6PX71CV-MSD				MS Lot-Sample #: D5C220179-002		
	ND	5.00	5.06	mg/L	101		MCAWW 300.0A	03/22/05	5082170
	ND	5.00	5.13	mg/L	103	1.4	MCAWW 300.0A	03/22/05	5082170
			Dilution Factor: 1						
			Analysis Time..: 17:46						
Sulfate			WO#: G6PX71CW-MS/G6PX71CX-MSD				MS Lot-Sample #: D5C220179-002		
	49	25.0	73.9 I	mg/L	99		MCAWW 300.0A	03/22/05	5082167
	49	25.0	74.4 I	mg/L	101	0.60	MCAWW 300.0A	03/22/05	5082167
			Dilution Factor: 1						
			Analysis Time..: 17:46						
Total Cyanide			WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001		
	ND	0.100	0.0997	mg/L	97		SW846 9012A	03/29/05	5088480
	ND	0.100	0.101	mg/L	98	1.3	SW846 9012A	03/29/05	5088480
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Halogens			WO#: G6L171AG-MS/G6L171AH-MSD				MS Lot-Sample #: I5C190198-005		
	28	100	119	ug/L	91		SW846 9020B	03/24/05	5084267
	28	100	122	ug/L	94	2.3	SW846 9020B	03/24/05	5084267
			Dilution Factor: 1						
			Analysis Time..: 10:00						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C220179 **Matrix.....:** WATER
Date Sampled...: 03/22/05 13:40 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			WO#: G608X1AC-MS/G608X1AD-MSD				MS Lot-Sample #: D5C240397-008		
	ND	25.0	26.5	mg/L	105		MCAWW 415.1	03/28/05	5088120
	ND	25.0	25.9	mg/L	103	2.2	MCAWW 415.1	03/28/05	5088120

Dilution Factor: 1
Analysis Time..: 17:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220179 **Work Order #...:** G6QMQ-SMP G6QMQ-DUP **Matrix.....:** WATER

Date Sampled...: 03/17/05 14:00 **Date Received..:** 03/22/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #: D5C220259-006		
	48	42	mg/L	14	(0-20)	MCAWW 405.1	03/23/05	5082413

Dilution Factor: 1 Analysis Time..: 07:25

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220179 **Work Order #...:** G6R9E-SMP G6R9E-DUP **Matrix.....:** WATER

Date Sampled...: 03/22/05 15:10 **Date Received..:** 03/23/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Conductance						SD Lot-Sample #:	D5C230177-001	
	25000	26000	umhos/cm	1.2	(0-7.0)	MCAWW 120.1	03/24/05	5083474

Dilution Factor: 1 Analysis Time..: 12:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220179 **Work Order #...:** G6LQD-SMP G6LQD-DUP **Matrix.....:** WATER

Date Sampled...: 03/18/05 09:51 **Date Received..:** 03/19/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D5C190183-006		
	340 B,J	400	mg/L	16	(0-20)	MCAWW 160.1	03/25/05	5084444

Dilution Factor: 1 Analysis Time..: 16:50

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220179 **Work Order #...:** G62V1-SMP G62V1-DUP **Matrix.....:** WATER

Date Sampled...: 03/24/05 08:55 **Date Received..:** 03/25/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D5C250212-001	
	520	510	mg/L	0.78	(0-10)	MCAWW 310.1	03/28/05	5088448

Dilution Factor: 1 Analysis Time..: 10:26

5.8 14.0
RV
3-22-05

Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

TL-4124 (0901)

Client: SCS ENGINEERS	Project Manager: TINA S.	Date: 3/21/05	Chain of Custody Number: 301634
Address: 3900 KILROY AIRPORT WAY #100	Telephone Number (Area Code)/Fax Number: (800) 326-9544	Lab Number:	Page 1 of 1
City: LONG BEACH; State: CA; Zip Code: 90806	Site Contact:	Lab Contact: BETSY F.	
Project Name and Location (State): BRADLEY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 234 25662-C			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	General Chemistry	Metals - Dissolved	Tox	COD/TOC	Volatiles-CCMS	BOD - 405.1	Metals - Total	Semivoa Organics	Cyanide - 9012	Total Sulfide	Special Instructions/ Conditions of Receipt
TRIP BLANK	3/21/05	0800		X						1							X						
4916 F	3/21/05	0820		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X	
4916 H	3/21/05	0930		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Mario Quen	3/21/05	1530	1. Received By: [signature]	3/22/05	0915
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4916F (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only: Lab ID: DSC220179-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 21 05	0820	1:00		1.0	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: E — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: E

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
860.10 (ft/msl)	230.55 (ft)	629.55 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
254.00 (ft)	(ft)	4.5 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpd	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:45	3.0 1st	6.99 1st	.781	18.8	1.54	5.3	404	
0852	5.0 2nd	7.10 2nd	.870	18.5	1.69	3.2	403	
0855	8.0 3rd	7.04 3rd	.827	18.9	1.83	4.2	401	
0900	10.0 4th	7.12 4th	.883	19.0	1.22	2.8	399	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 21 05	7.12	.883	19.0	1.22	2.8	399	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/21/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: BRADLEY

Site No.:

Sample Point: 4916H (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only Lab ID: 1SC220179-003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
032105	0930	150		120	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: E

Sampling Device: E

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or N (0.45 µ) or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 86023 (ft/msl)

Depth to Water (DTW) (from TOC): 23020 (ft)

Groundwater Elevation (site datum, from TOC): (ft/msl)

Total Well Depth (from TOC): (ft)

Stick Up (from ground elevation): (ft)

Casing ID: (in)

Casing Material:

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0955	4.0 1st	7.49 1st	.001	20.8	4.27	3.51	398	
10:02	8.0 2nd	7.56 2nd	.621	19.6	3.70	3.80	392	
10:10	12.0 3rd	7.51 3rd	.943	19.4	3.26	3.19	388	
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
032105	751	.943	19.4	3.26	3.19	388	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/21/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM 12/00

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C240344
Groundwater

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

April 7, 2005

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- **Case Narrative**
- **Executive Summary – Detection Highlights**
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- **Lot Sample Summary**
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- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for two samples received at STL's Denver laboratory on March 24, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C240344

Sample Receiving

- The cooler temperature upon receipt at the Denver laboratory was 3.2°C.
- All sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Trip Blanks

- Toluene was detected in the Trip Blank sample at a level below the requested reporting limit, however, Toluene was not detected in the associated sample 4916G, and therefore, no corrective action was performed.

Method Blanks

- Chloride Method 300.0A, Total Dissolved Solids (TDS) Method 160.1, and Total Sulfide Method 9030B/9034 were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.
- All other Method Blanks were within established control limits.

Laboratory Control Samples

- All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- The percent recoveries of the MS/MSD and/or the relative percent difference were not calculated for Total Manganese, Total Boron, and Dissolved Calcium during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

- The method required MS/MSD could not be performed for Method 9030B/9034 due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- The method required MS/MSD could not be performed for Total Organic Halogens (TOX) Method 9020B due to an analyst error, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- Sample 4916G was selected to fulfill the laboratory batch quality control requirements for Total Organic Carbon (TOC) Method 415.1. Analysis of the laboratory generated MS/MSD for this sample provided an MSD recovery of TOC above the upper control limit indicating the possible presence of a matrix interference.

- The Matrix Spike and Matrix Spike Duplicate performed on unrelated samples exhibited MS and MSD recoveries outside control limits for Total Mercury Method 7470A and Chemical Oxygen Demand (COD) Method 410.4. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

- Due to the result concentration exceeding the calibration range the MS/MSD results for Chloride Method 300.0A are estimated.

- All other MS and MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D5C240344

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK 03/23/05 07:00 001				
Toluene	0.21 J	1.0	ug/L	SW846 8260B
4916 G 03/23/05 08:00 002				
Calcium - DISSOLVED	72000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	20000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	30000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	4800 B	5000	ug/L	SW846 6010B
Iron - DISSOLVED	600	100	ug/L	SW846 6010B
Mercury	0.075 B	0.20	ug/L	SW846 7470A
Silver	0.43 B	10	ug/L	SW846 6010B
Arsenic	10	10	ug/L	SW846 6010B
Cobalt	1.5 B	10	ug/L	SW846 6010B
Manganese	4500	10	ug/L	SW846 6010B
Barium	130	100	ug/L	SW846 6010B
Potassium	4500 B	5000	ug/L	SW846 6010B
Copper	1.8 B	10	ug/L	SW846 6010B
Boron	170	100	ug/L	SW846 6010B
Chlorobenzene	0.34 J	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	1.6 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.9 J	10	ug/L	SW846 8260B
1,2-Dichloropropane	0.28 J	5.0	ug/L	SW846 8260B
Vinyl chloride	0.32 J	1.0	ug/L	SW846 8260B
Specific Conductance	620	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	400 J	10	mg/L	MCAWW 160.1
Biochemical Oxygen Demand (BOD)	4.7	2.0	mg/L	MCAWW 405.1
Chloride	40 J	3.0	mg/L	MCAWW 300.0A
Sulfate	51 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.40 B	1.0	mg/L	MCAWW 300.0A
Total Organic Carbon	1.4	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.0	1.0	mg/L	MCAWW 415.1
Cyanide, Total	0.0030 B	0.010	mg/L	SW846 9012A
Bicarbonate, as CaCO3	210	5.0	mg/L	MCAWW 310.1
Total Alkalinity	210	5.0	mg/L	MCAWW 310.1
Chemical Oxygen Demand (COD)	7.0 B	8.0	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D5C240344

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	SW846 9012A	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Nitrate	MCAWW 300.0A	MCAWW 300.0A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfides, Total	SW846 9030B/903	SW846 9030B/903
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C240344

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate as N	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C240344

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Fougere M. Danielle	006481
MCAWW 160.1	Dusti O. Criqui	006589
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Maria Fayard	002596
MCAWW 405.1	Fougere M. Danielle	006481
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Nicole Dean	008504
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Heather Despres	009250
SW846 8270C	David Kidd	007536
SW846 9012A	Ewa Kudla	001167
SW846 9020B	Dave Elkin	000901
SW846 9030B/9034	Duane Allee	001470

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C240344

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G60N2	001	TRIP BLANK	03/23/05	07:00
G60N5	002	4916 G	03/23/05	08:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C240344-001 **Work Order #...:** G60N21AA **Matrix.....:** WATER
Date Sampled...: 03/23/05 07:00 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 16:17
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C240344-001 **Work Order #...:** G60N21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	**0.21 J**	**1.0**	**ug/L**	**0.17**
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 118)
1,2-Dichloroethane-d4	98	(62 - 128)
4-Bromofluorobenzene	97	(78 - 118)
Toluene-d8	103	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916 G

GC/MS Volatiles

Lot-Sample #...: D5C240344-002 **Work Order #...:** G60N51AT **Matrix.....:** WATER
Date Sampled...: 03/23/05 08:00 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 16:38
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	**0.34 J**	**5.0**	**ug/L**	**0.19**
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	**1.6 J**	**10**	**ug/L**	**0.20**
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	**1.9 J**	**10**	**ug/L**	**0.14**
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	**0.28 J**	**5.0**	**ug/L**	**0.17**
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4916 G

GC/MS Volatiles

Lot-Sample #...: D5C240344-002 **Work Order #...:** G60N51AT **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	**0.32 J**	**1.0**	**ug/L**	**0.28**
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 118)
1,2-Dichloroethane-d4	96	(62 - 128)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	102	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916 G

GC/MS Semivolatiles

Lot-Sample #...: D5C240344-002 **Work Order #...:** G60N51A5 **Matrix.....:** WATER
Date Sampled...: 03/23/05 08:00 **Date Received..:** 03/24/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5084481 **Analysis Time..:** 23:49
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916 G

GC/MS Semivolatiles

Lot-Sample #...: D5C240344-002 **Work Order #...:** G60N51A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4916 G

GC/MS Semivolatiles

Lot-Sample #...: D5C240344-002 **Work Order #...:** G60N51A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4916 G

GC/MS Semivolatiles

Lot-Sample #...: D5C240344-002 **Work Order #...:** G60N51A5 **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(33 - 106)
Phenol-d5	77	(40 - 105)
Nitrobenzene-d5	75	(48 - 108)
2-Fluorobiphenyl	58	(39 - 93)
2,4,6-Tribromophenol	61	(31 - 122)
Terphenyl-d14	84	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4916 G

TOTAL Metals

Lot-Sample #...: D5C240344-002 **Matrix.....:** WATER
Date Sampled...: 03/23/05 08:00 **Date Received..:** 03/24/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083612						
Manganese	**4500**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60N51AH**
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 1.9	
Barium	**130**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60N51AJ**
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 2.1	
Potassium	**4500 B**	**5000**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60N51AR**
		Dilution Factor: 1		Analysis Time..: 23:03	MDL.....: 250	
Silver	**0.43 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60N51A8**
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 0.37	
Arsenic	**10**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60N51A9**
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60N51CA
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 0.38	
Cobalt	**1.5 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60N51CC**
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G60N51CD
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 1.2	
Copper	**1.8 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60N51CE**
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 1.6	
Nickel	ND	40	ug/L	SW846 6010B	03/25-03/27/05	G60N51CF
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G60N51CG
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G60N51CH
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60N51CJ
		Dilution Factor: 1		Analysis Time..: 17:13	MDL.....: 3.3	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4916 G

TOTAL Metals

Lot-Sample #...: D5C240344-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	20	ug/L	SW846 6010B	03/25-03/28/05	G60N51CK
		Dilution Factor: 1		Analysis Time..: 23:03	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G60N51CM
		Dilution Factor: 1		Analysis Time..: 23:03	MDL.....: 0.83	
Boron	**170**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60N51CN**
		Dilution Factor: 1		Analysis Time..: 23:03	MDL.....: 13	
Prep Batch #...: 5088098						
Mercury	**0.075 B**	**0.20**	**ug/L**	**SW846 7470A**	**03/29/05**	**G60N51CL**
		Dilution Factor: 1		Analysis Time..: 17:41	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916 G

DISSOLVED Metals

Lot-Sample #...: D5C240344-002 Matrix.....: WATER
Date Sampled...: 03/23/05 08:00 Date Received..: 03/24/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083616						
Calcium	72000	200	ug/L	SW846 6010B	03/25-03/28/05	G60N51AU
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 96	
Magnesium	20000	200	ug/L	SW846 6010B	03/25-03/28/05	G60N51AV
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 17	
Sodium	30000	5000	ug/L	SW846 6010B	03/25-03/28/05	G60N51AW
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 1400	
Potassium	4800 B	5000	ug/L	SW846 6010B	03/25-03/28/05	G60N51AX
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 250	
Iron	600	100	ug/L	SW846 6010B	03/25-03/27/05	G60N51A2
		Dilution Factor: 1		Analysis Time..: 17:29	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916 G

General Chemistry

Lot-Sample #...: D5C240344-002 Work Order #...: G60N5 Matrix.....: WATER
Date Sampled...: 03/23/05 08:00 Date Received..: 03/24/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	210	5.0	mg/L	MCAWW 310.1	03/29/05	5088544
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	4.7	2.0	mg/L	MCAWW 405.1	03/25/05	5084408
		Dilution Factor: 1		Analysis Time..: 07:55	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/29/05	5088545
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	7.0 B	8.0	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 4.0	
Chloride	40 J	3.0	mg/L	MCAWW 300.0A	03/24/05	5084179
		Dilution Factor: 1		Analysis Time..: 20:01	MDL.....: 0.10	
Cyanide, Total	0.0030 B	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	0.40 B	1.0	mg/L	MCAWW 300.0A	03/24/05	5084182
		Dilution Factor: 1		Analysis Time..: 20:01	MDL.....: 0.10	
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	03/24/05	5084180
		Dilution Factor: 1		Analysis Time..: 20:01	MDL.....: 0.020	
Specific Conductance	620	2.0	umhos/cm	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1		Analysis Time..: 13:30	MDL.....:	
Sulfate	51 Q	25	mg/L	MCAWW 300.0A	03/24/05	5084181
		Dilution Factor: 5		Analysis Time..: 20:38	MDL.....: 0.50	
Total Alkalinity	210	5.0	mg/L	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Total Dissolved Solids	400 J	10	mg/L	MCAWW 160.1	03/28/05	5087559
		Dilution Factor: 1		Analysis Time..: 13:20	MDL.....: 3.6	
Total Organic Carbon	1.4	1.0	mg/L	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 0.27	

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Waste Management, Inc.

Client Sample ID: 4916 G

General Chemistry

Lot-Sample #...: D5C240344-002 **Work Order #...:** G60N5 **Matrix.....:** WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon 2	**1.0**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/30/05**	**5090128**
	Dilution Factor: 1			Analysis Time..: 10:00	MDL.....: 0.27	
Total Organic Halogens	ND	30	ug/L	SW846 9020B	03/29/05	5089136
	Dilution Factor: 1			Analysis Time..: 09:00	MDL.....: 7.7	
Total Organic Halogens 2	ND	30	ug/L	SW846 9020B	03/29/05	5089136
	Dilution Factor: 1			Analysis Time..: 09:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/29/05	5089371
	Dilution Factor: 1			Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

QC DATA ASSOCIATION SUMMARY

D5C240344

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		5093044	5093011
002	WATER	MCAWW 120.1		5087492	5087298
	WATER	MCAWW 160.1		5087559	5087312
	WATER	MCAWW 310.1		5088545	
	WATER	MCAWW 405.1		5084408	5090166
	WATER	MCAWW 300.0A		5084179	5089335
	WATER	MCAWW 300.0A		5084181	5089339
	WATER	MCAWW 300.0A		5084182	5089334
	WATER	MCAWW 300.0A		5084180	5089337
	WATER	MCAWW 415.1		5090128	5090125
	WATER	SW846 9020B		5089136	
	WATER	SW846 7470A		5088098	5088071
	WATER	SW846 8260B		5093044	5093011
	WATER	SW846 8270C		5084481	
	WATER	SW846 6010B		5083612	5083376
	WATER	SW846 6010B		5083616	5083378
	WATER	SW846 9012A		5088480	5088243
	WATER	SW846 9030B/9034		5089371	
	WATER	MCAWW 310.1		5088544	
	WATER	MCAWW 310.1		5088546	5090187
	WATER	MCAWW 410.4		5091235	5091161

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C240344 **Work Order #...:** G7KPK1AA **Matrix.....:** WATER
MB Lot-Sample #: D5D030000-044

Prep Date.....: 03/31/05 **Analysis Time..:** 09:56

Analysis Date..: 03/31/05 **Prep Batch #...:** 5093044
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Acetone	ND	34	ug/L	SW846 8260B
Bromochloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C240344 **Work Order #...:** G7KPK1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
1,2-Dichloroethane-d4	96	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	99	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C240344 **Work Order #...:** G7KPK1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5D030000-044
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 08:53
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**111**	**(66 - 132)**	**SW846 8260B**
Benzene	**102**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**104**	**(78 - 118)**	**SW846 8260B**
Toluene	**104**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**106**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 118)
1,2-Dichloroethane-d4	103	(62 - 128)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	110	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C240344 **Work Order #...:** G7KPK1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5D030000-044
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 08:53
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.1**	**ug/L**	**111**	**SW846 8260B**
Benzene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 118)
1,2-Dichloroethane-d4	103	(62 - 128)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	110	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C240344 **Work Order #...:** G619V1A5-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C250161-001 G619V1A6-MSD
Date Sampled...: 03/23/05 08:25 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 11:42
Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**109**	**(66 - 132)**			**SW846 8260B**
	107	**(66 - 132)**	**1.4**	**(0-26)**	**SW846 8260B**
Benzene	**103**	**(75 - 120)**			**SW846 8260B**
	103	**(75 - 120)**	**0.54**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**104**	**(78 - 118)**			**SW846 8260B**
	105	**(78 - 118)**	**0.24**	**(0-20)**	**SW846 8260B**
Toluene	**106**	**(78 - 118)**			**SW846 8260B**
	106	**(78 - 118)**	**0.23**	**(0-22)**	**SW846 8260B**
Trichloroethene	**90**	**(79 - 122)**			**SW846 8260B**
	86	**(79 - 122)**	**1.1**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
	97	(73 - 118)
1,2-Dichloroethane-d4	98	(62 - 128)
	100	(62 - 128)
4-Bromofluorobenzene	101	(78 - 118)
	102	(78 - 118)
Toluene-d8	114	(77 - 117)
	113	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C240344 **Work Order #...:** G619V1A5-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C250161-001 G619V1A6-MSD
Date Sampled...: 03/23/05 08:25 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 11:42
Dilution Factor: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**100**	**109**	**ug/L**	**109**		**SW846 8260B**
	ND	**100**	**107**	**ug/L**	**107**	**1.4**	**SW846 8260B**
Benzene	**3.2**	**100**	**106**	**ug/L**	**103**		**SW846 8260B**
	3.2	**100**	**106**	**ug/L**	**103**	**0.54**	**SW846 8260B**
Chlorobenzene	**17**	**100**	**121**	**ug/L**	**104**		**SW846 8260B**
	17	**100**	**121**	**ug/L**	**105**	**0.24**	**SW846 8260B**
Toluene	**ND**	**100**	**106**	**ug/L**	**106**		**SW846 8260B**
	ND	**100**	**106**	**ug/L**	**106**	**0.23**	**SW846 8260B**
Trichloroethene	**290**	**100**	**376**	**ug/L**	**90**		**SW846 8260B**
	290	**100**	**372**	**ug/L**	**86**	**1.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
	97	(73 - 118)
1,2-Dichloroethane-d4	98	(62 - 128)
	100	(62 - 128)
4-Bromofluorobenzene	101	(78 - 118)
	102	(78 - 118)
Toluene-d8	114	(77 - 117)
	113	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240344
MB Lot-Sample #: D5C250000-481
Work Order #...: G64MQ1AA
Matrix.....: WATER
Prep Date.....: 03/28/05
Analysis Time..: 11:17
Analysis Date..: 04/01/05
Prep Batch #...: 5084481
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240344 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240344 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(33 - 106)
Phenol-d5	79	(40 - 105)
Nitrobenzene-d5	73	(48 - 108)
2-Fluorobiphenyl	45	(39 - 93)
2,4,6-Tribromophenol	72	(31 - 122)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240344 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	92	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240344 **Work Order #...:** G64MQ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-481
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 11:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**70**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**47**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**82**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**71**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**86**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**72**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**68**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**59**	**(41 - 113)**	**SW846 8270C**
Phenol	**74**	**(57 - 103)**	**SW846 8270C**
Pyrene	**84**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**52**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	70	(55 - 100)
2-Fluorobiphenyl	51	(40 - 93)
2,4,6-Tribromophenol	78	(51 - 107)
Terphenyl-d14	89	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240344 **Work Order #...:** G64MQ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-481
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 11:40
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**70.2**	**ug/L**	**70**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**47.4**	**ug/L**	**47**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**123**	**ug/L**	**82**	**SW846 8270C**
2-Chlorophenol	**150**	**107**	**ug/L**	**71**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**85.8**	**ug/L**	**86**	**SW846 8270C**
4-Nitrophenol	**150**	**108**	**ug/L**	**72**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**67.7**	**ug/L**	**68**	**SW846 8270C**
Pentachlorophenol	**150**	**88.7**	**ug/L**	**59**	**SW846 8270C**
Phenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
Pyrene	**100**	**84.1**	**ug/L**	**84**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**51.6**	**ug/L**	**52**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	70	(55 - 100)
2-Fluorobiphenyl	51	(40 - 93)
2,4,6-Tribromophenol	78	(51 - 107)
Terphenyl-d14	89	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C240000-612 **Prep Batch #...:** 5083612						
Manganese	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AC
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Barium	ND	100	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AW
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Potassium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AX
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Silver	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AJ
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Arsenic	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AQ
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AK
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Cobalt	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AR
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Chromium	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AL
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Copper	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AM
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Nickel	ND	40	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AN
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AP
		Dilution Factor: 1				
		Analysis Time..: 15:49				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AT
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AU
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Zinc	ND	20	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AH
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AV
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Boron	ND	100	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AA
		Dilution Factor: 1				
		Analysis Time..: 21:36				

MB Lot-Sample #: D5C290000-098 **Prep Batch #...:** 5088098

Mercury	ND	0.20	ug/L	SW846 7470A	03/29/05	G67RH1AA
		Dilution Factor: 1				
		Analysis Time..: 17:06				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-612 **Prep Batch #...:** 5083612					
Manganese	99	(90 - 110)	SW846 6010B	03/25-03/27/05	G61KG1A1
		Dilution Factor: 1	Analysis Time..: 15:53		
Barium	108	(93 - 113)	SW846 6010B	03/25-03/27/05	G61KG1CK
		Dilution Factor: 1	Analysis Time..: 15:53		
Potassium	100	(86 - 111)	SW846 6010B	03/25-03/28/05	G61KG1CL
		Dilution Factor: 1	Analysis Time..: 21:41		
Silver	104	(85 - 114)	SW846 6010B	03/25-03/27/05	G61KG1A7
		Dilution Factor: 1	Analysis Time..: 15:53		
Arsenic	96	(89 - 109)	SW846 6010B	03/25-03/27/05	G61KG1CE
		Dilution Factor: 1	Analysis Time..: 15:53		
Cadmium	100	(89 - 110)	SW846 6010B	03/25-03/27/05	G61KG1A8
		Dilution Factor: 1	Analysis Time..: 15:53		
Cobalt	97	(86 - 107)	SW846 6010B	03/25-03/27/05	G61KG1CF
		Dilution Factor: 1	Analysis Time..: 15:53		
Chromium	100	(89 - 112)	SW846 6010B	03/25-03/27/05	G61KG1A9
		Dilution Factor: 1	Analysis Time..: 15:53		
Copper	100	(86 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CA
		Dilution Factor: 1	Analysis Time..: 15:53		
Nickel	101	(90 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CC
		Dilution Factor: 1	Analysis Time..: 15:53		
Lead	100	(91 - 111)	SW846 6010B	03/25-03/27/05	G61KG1CD
		Dilution Factor: 1	Analysis Time..: 15:53		
Antimony	99	(88 - 108)	SW846 6010B	03/25-03/27/05	G61KG1CG
		Dilution Factor: 1	Analysis Time..: 15:53		
Selenium	99	(88 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CH
		Dilution Factor: 1	Analysis Time..: 15:53		
Zinc	98	(85 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A6
		Dilution Factor: 1	Analysis Time..: 21:41		

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	100	(88 - 112)	SW846 6010B	03/25-03/28/05	G61KG1CJ
		Dilution Factor: 1	Analysis Time..: 21:41		
Boron	99	(89 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A0
		Dilution Factor: 1	Analysis Time..: 21:41		

LCS Lot-Sample#: D5C290000-098 **Prep Batch #...:** 5088098

Mercury	97	(85 - 114)	SW846 7470A	03/29/05	G67RH1AC
		Dilution Factor: 1	Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

LCS Lot-Sample#: D5C240000-612 **Prep Batch #...:** 5083612

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	496	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1A1
			Dilution Factor: 1		Analysis Time..: 15:53		
Barium	2000	2160	ug/L	108	SW846 6010B	03/25-03/27/05	G61KG1CK
			Dilution Factor: 1		Analysis Time..: 15:53		
Potassium	50000	50000	ug/L	100	SW846 6010B	03/25-03/28/05	G61KG1CL
			Dilution Factor: 1		Analysis Time..: 21:41		
Silver	50.0	52.1	ug/L	104	SW846 6010B	03/25-03/27/05	G61KG1A7
			Dilution Factor: 1		Analysis Time..: 15:53		
Arsenic	2000	1920	ug/L	96	SW846 6010B	03/25-03/27/05	G61KG1CE
			Dilution Factor: 1		Analysis Time..: 15:53		
Cadmium	50.0	50.1	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1A8
			Dilution Factor: 1		Analysis Time..: 15:53		
Cobalt	500	485	ug/L	97	SW846 6010B	03/25-03/27/05	G61KG1CF
			Dilution Factor: 1		Analysis Time..: 15:53		
Chromium	200	199	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1A9
			Dilution Factor: 1		Analysis Time..: 15:53		
Copper	250	250	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1CA
			Dilution Factor: 1		Analysis Time..: 15:53		
Nickel	500	506	ug/L	101	SW846 6010B	03/25-03/27/05	G61KG1CC
			Dilution Factor: 1		Analysis Time..: 15:53		
Lead	500	498	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1CD
			Dilution Factor: 1		Analysis Time..: 15:53		
Antimony	500	495	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1CG
			Dilution Factor: 1		Analysis Time..: 15:53		
Selenium	2000	1980	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1CH
			Dilution Factor: 1		Analysis Time..: 15:53		
Zinc	500	488	ug/L	98	SW846 6010B	03/25-03/28/05	G61KG1A6
			Dilution Factor: 1		Analysis Time..: 21:41		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	50.0	50.1	ug/L	100	SW846 6010B	03/25-03/28/05	G61KG1CJ
			Dilution Factor: 1		Analysis Time..: 21:41		
Boron	1000	993	ug/L	99	SW846 6010B	03/25-03/28/05	G61KG1A0
			Dilution Factor: 1		Analysis Time..: 21:41		

LCS Lot-Sample#: D5C290000-098 **Prep Batch #...:** 5088098

Mercury	5.00	4.86	ug/L	97	SW846 7470A	03/29/05	G67RH1AC
			Dilution Factor: 1		Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5083612							
Manganese	NC,MSB	(79 - 121)			SW846 6010B	03/25-03/27/05	G60L91CR
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	03/25-03/27/05	G60L91CT
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Barium	106	(85 - 120)			SW846 6010B	03/25-03/27/05	G60L91DW
	111	(85 - 120)	2.1	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DX
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Potassium	111	(76 - 132)			SW846 6010B	03/25-03/28/05	G60L91D0
	115	(76 - 132)	0.94	(0-25)	SW846 6010B	03/25-03/28/05	G60L91D1
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Silver	117	(75 - 141)			SW846 6010B	03/25-03/27/05	G60L91C6
	119	(75 - 141)	1.6	(0-25)	SW846 6010B	03/25-03/27/05	G60L91C7
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Arsenic	107	(84 - 124)			SW846 6010B	03/25-03/27/05	G60L91DK
	110	(84 - 124)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DL
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Cadmium	99	(82 - 119)			SW846 6010B	03/25-03/27/05	G60L91C8
	101	(82 - 119)	2.2	(0-25)	SW846 6010B	03/25-03/27/05	G60L91C9
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Cobalt	98	(82 - 119)			SW846 6010B	03/25-03/27/05	G60L91DM
	100	(82 - 119)	1.8	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DN
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Chromium	98	(73 - 135)			SW846 6010B	03/25-03/27/05	G60L91DA
	100	(73 - 135)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DC
		Dilution Factor: 1					
		Analysis Time..: 16:53					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	112	(82 - 129)			SW846 6010B	03/25-03/27/05	G60L91DD
	114	(82 - 129)	2.0	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DE
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Nickel	99	(84 - 120)			SW846 6010B	03/25-03/27/05	G60L91DF
	101	(84 - 120)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DG
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Lead	103	(89 - 121)			SW846 6010B	03/25-03/27/05	G60L91DH
	105	(89 - 121)	2.0	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DJ
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Antimony	110	(81 - 124)			SW846 6010B	03/25-03/27/05	G60L91DP
	112	(81 - 124)	1.7	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DQ
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Selenium	112	(71 - 140)			SW846 6010B	03/25-03/27/05	G60L91DR
	114	(71 - 140)	1.5	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DT
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Zinc	91	(60 - 137)			SW846 6010B	03/25-03/28/05	G60L91C4
	93	(60 - 137)	1.6	(0-25)	SW846 6010B	03/25-03/28/05	G60L91C5
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Beryllium	100	(79 - 121)			SW846 6010B	03/25-03/28/05	G60L91DU
	102	(79 - 121)	2.1	(0-25)	SW846 6010B	03/25-03/28/05	G60L91DV
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Boron	NC,MSB	(87 - 113)			SW846 6010B	03/25-03/28/05	G60L91CP
	NC,MSB	(87 - 113)		(0-25)	SW846 6010B	03/25-03/28/05	G60L91CQ
		Dilution Factor: 1					
		Analysis Time..: 21:57					

MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5088098

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	10 N	(85 - 114)			SW846 7470A	03/29/05	G60L91D8
	9.8 N	(85 - 114)	3.1	(0-10)	SW846 7470A	03/29/05	G60L91D9

Dilution Factor: 1
Analysis Time..: 17:31

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5083612									
Manganese									
	2400	500	2840	ug/L			SW846 6010B	03/25-03/27/05	G60L91CR
			Qualifiers: NC,MSB						
	2400	500	2890	ug/L			SW846 6010B	03/25-03/27/05	G60L91CT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Barium									
	2700	2000	4780	ug/L	106		SW846 6010B	03/25-03/27/05	G60L91DW
	2700	2000	4880	ug/L	111	2.1	SW846 6010B	03/25-03/27/05	G60L91DX
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Potassium									
	140000	50000	195000	ug/L	111		SW846 6010B	03/25-03/28/05	G60L91D0
	140000	50000	197000	ug/L	115	0.94	SW846 6010B	03/25-03/28/05	G60L91D1
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Silver									
	1.8	50.0	60.2	ug/L	117		SW846 6010B	03/25-03/27/05	G60L91C6
	1.8	50.0	61.2	ug/L	119	1.6	SW846 6010B	03/25-03/27/05	G60L91C7
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Arsenic									
	120	2000	2260	ug/L	107		SW846 6010B	03/25-03/27/05	G60L91DK
	120	2000	2310	ug/L	110	1.9	SW846 6010B	03/25-03/27/05	G60L91DL
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Cadmium									
	0.59	50.0	49.9	ug/L	99		SW846 6010B	03/25-03/27/05	G60L91C8
	0.59	50.0	51.0	ug/L	101	2.2	SW846 6010B	03/25-03/27/05	G60L91C9
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Cobalt									
	20	500	511	ug/L	98		SW846 6010B	03/25-03/27/05	G60L91DM
	20	500	520	ug/L	100	1.8	SW846 6010B	03/25-03/27/05	G60L91DN
			Dilution Factor: 1						
			Analysis Time..: 16:53						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	22	200	217	ug/L	98		SW846 6010B	03/25-03/27/05	G60L91DA
	22	200	222	ug/L	100	1.9	SW846 6010B	03/25-03/27/05	G60L91DC
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Copper									
	12	250	292	ug/L	112		SW846 6010B	03/25-03/27/05	G60L91DD
	12	250	298	ug/L	114	2.0	SW846 6010B	03/25-03/27/05	G60L91DE
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Nickel									
	94	500	589	ug/L	99		SW846 6010B	03/25-03/27/05	G60L91DF
	94	500	600	ug/L	101	1.9	SW846 6010B	03/25-03/27/05	G60L91DG
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Lead									
	ND	500	515	ug/L	103		SW846 6010B	03/25-03/27/05	G60L91DH
	ND	500	525	ug/L	105	2.0	SW846 6010B	03/25-03/27/05	G60L91DJ
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Antimony									
	5.7	500	558	ug/L	110		SW846 6010B	03/25-03/27/05	G60L91DP
	5.7	500	568	ug/L	112	1.7	SW846 6010B	03/25-03/27/05	G60L91DQ
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Selenium									
	ND	2000	2250	ug/L	112		SW846 6010B	03/25-03/27/05	G60L91DR
	ND	2000	2280	ug/L	114	1.5	SW846 6010B	03/25-03/27/05	G60L91DT
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Zinc									
	90	500	547	ug/L	91		SW846 6010B	03/25-03/28/05	G60L91C4
	90	500	556	ug/L	93	1.6	SW846 6010B	03/25-03/28/05	G60L91C5
			Dilution Factor: 1						
			Analysis Time..: 21:57						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	ND	50.0	50.5	ug/L	100		SW846 6010B	03/25-03/28/05	G60L91DU
	ND	50.0	51.6	ug/L	102	2.1	SW846 6010B	03/25-03/28/05	G60L91DV
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Boron									
	7300	1000	8250	ug/L			SW846 6010B	03/25-03/28/05	G60L91CP
			Qualifiers: NC,MSB						
	7300	1000	8380	ug/L			SW846 6010B	03/25-03/28/05	G60L91CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:57						

MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5088098

Mercury									
	ND	5.00	0.507 N	ug/L	10		SW846 7470A	03/29/05	G60L91D8
	ND	5.00	0.492 N	ug/L	9.8	3.1	SW846 7470A	03/29/05	G60L91D9
			Dilution Factor: 1						
			Analysis Time..: 17:31						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C240000-616 **Prep Batch #...:** 5083616						
Calcium	ND	200	ug/L	SW846 6010B	03/25-03/28/05	G61KL1AX
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Magnesium	ND	200	ug/L	SW846 6010B	03/25-03/28/05	G61KL1A1
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Sodium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KL1A2
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Potassium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KL1A0
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Iron	ND	100	ug/L	SW846 6010B	03/25-03/27/05	G61KL1AJ
		Dilution Factor: 1				
		Analysis Time..: 17:10				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-616 **Prep Batch #...:** 5083616					
Calcium	100	(89 - 110)	SW846 6010B	03/25-03/28/05	G61KL1CP
		Dilution Factor: 1	Analysis Time..: 20:40		
Magnesium	99	(91 - 111)	SW846 6010B	03/25-03/28/05	G61KL1CR
		Dilution Factor: 1	Analysis Time..: 20:40		
Sodium	100	(91 - 112)	SW846 6010B	03/25-03/28/05	G61KL1CT
		Dilution Factor: 1	Analysis Time..: 20:40		
Potassium	99	(86 - 111)	SW846 6010B	03/25-03/28/05	G61KL1CQ
		Dilution Factor: 1	Analysis Time..: 20:40		
Iron	99	(88 - 110)	SW846 6010B	03/25-03/27/05	G61KL1CA
		Dilution Factor: 1	Analysis Time..: 17:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-616 **Prep Batch #...:** 5083616							
Calcium	50000	49800	ug/L	100	SW846 6010B	03/25-03/28/05	G61KL1CP
			Dilution Factor: 1		Analysis Time..: 20:40		
Magnesium	50000	49500	ug/L	99	SW846 6010B	03/25-03/28/05	G61KL1CR
			Dilution Factor: 1		Analysis Time..: 20:40		
Sodium	50000	50100	ug/L	100	SW846 6010B	03/25-03/28/05	G61KL1CT
			Dilution Factor: 1		Analysis Time..: 20:40		
Potassium	50000	49700	ug/L	99	SW846 6010B	03/25-03/28/05	G61KL1CQ
			Dilution Factor: 1		Analysis Time..: 20:40		
Iron	1000	992	ug/L	99	SW846 6010B	03/25-03/27/05	G61KL1CA
			Dilution Factor: 1		Analysis Time..: 17:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 15:25 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240418-001 **Prep Batch #...:** 5083616							
Calcium	NC,MSB	(48 - 153)			SW846 6010B	03/25-03/28/05	G61EQ1C7
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	03/25-03/28/05	G61EQ1C8
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Magnesium	102	(62 - 146)			SW846 6010B	03/25-03/28/05	G61EQ1DA
	102	(62 - 146)	0.59	(0-25)	SW846 6010B	03/25-03/28/05	G61EQ1DC
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Sodium	101	(70 - 203)			SW846 6010B	03/25-03/28/05	G61EQ1DE
	102	(70 - 203)	0.19	(0-40)	SW846 6010B	03/25-03/28/05	G61EQ1DF
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Potassium	104	(76 - 132)			SW846 6010B	03/25-03/28/05	G61EQ1DH
	104	(76 - 132)	0.32	(0-25)	SW846 6010B	03/25-03/28/05	G61EQ1DJ
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Iron	96	(52 - 155)			SW846 6010B	03/25-03/27/05	G61EQ1CN
	97	(52 - 155)	1.2	(0-25)	SW846 6010B	03/25-03/27/05	G61EQ1CP
		Dilution Factor: 1					
		Analysis Time..: 17:49					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/23/05 15:25 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240418-001 **Prep Batch #...:** 5083616									
Calcium									
	240000	50000	292000	ug/L			SW846 6010B	03/25-03/28/05	G61EQ1C7
			Qualifiers: NC,MSB						
	240000	50000	294000	ug/L			SW846 6010B	03/25-03/28/05	G61EQ1C8
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Magnesium									
	35	50000	51200	ug/L	102		SW846 6010B	03/25-03/28/05	G61EQ1DA
	35	50000	50900	ug/L	102	0.59	SW846 6010B	03/25-03/28/05	G61EQ1DC
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Sodium									
	120000	50000	174000	ug/L	101		SW846 6010B	03/25-03/28/05	G61EQ1DE
	120000	50000	174000	ug/L	102	0.19	SW846 6010B	03/25-03/28/05	G61EQ1DF
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Potassium									
	33000	50000	85400	ug/L	104		SW846 6010B	03/25-03/28/05	G61EQ1DH
	33000	50000	85100	ug/L	104	0.32	SW846 6010B	03/25-03/28/05	G61EQ1DJ
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Iron									
	ND	1000	983	ug/L	96		SW846 6010B	03/25-03/27/05	G61EQ1CN
	ND	1000	995	ug/L	97	1.2	SW846 6010B	03/25-03/27/05	G61EQ1CP
			Dilution Factor: 1						
			Analysis Time..: 17:49						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		Work Order #: G7D9V1AA		MB Lot-Sample #:	D5C250000-408	
	ND	2.0	mg/L	MCAWW 405.1	03/25/05	5084408
		Dilution Factor: 1				
		Analysis Time..: 07:55				
Chemical Oxygen Demand (COD)		Work Order #: G7GWC1AA		MB Lot-Sample #:	D5D010000-235	
	ND	8.0	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Chloride		Work Order #: G7C2W1AA		MB Lot-Sample #:	D5C250000-179	
	1.1 B	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/24/05**	**5084179**
		Dilution Factor: 1				
		Analysis Time..: 19:49				
Fluoride		Work Order #: G7C2V1AA		MB Lot-Sample #:	D5C250000-182	
	ND	1.0	mg/L	MCAWW 300.0A	03/24/05	5084182
		Dilution Factor: 1				
		Analysis Time..: 19:49				
Nitrate		Work Order #: G7C3C1AA		MB Lot-Sample #:	D5C250000-180	
	ND	0.50	mg/L	MCAWW 300.0A	03/24/05	5084180
		Dilution Factor: 1				
		Analysis Time..: 19:49				
Specific Conductance		Work Order #: G66301AA		MB Lot-Sample #:	D5C280000-492	
	ND	2.0	umhos/cm	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1				
		Analysis Time..: 13:30				
Sulfate		Work Order #: G7C3H1AA		MB Lot-Sample #:	D5C250000-181	
	ND	5.0	mg/L	MCAWW 300.0A	03/24/05	5084181
		Dilution Factor: 1				
		Analysis Time..: 19:49				
Total Alkalinity		Work Order #: G7EEF1AA		MB Lot-Sample #:	D5C290000-546	
	ND	5.0	mg/L	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1				
		Analysis Time..: 13:58				
Total Cyanide		Work Order #: G681W1AA		MB Lot-Sample #:	D5C290000-480	
	ND	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				
		Analysis Time..: 14:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C240344 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: G665W1AA		MB Lot-Sample #:	D5C280000-559	
	7.0 B	**10**	**mg/L**	**MCAWW 160.1**	**03/28/05**	**5087559**
		Dilution Factor: 1				
		Analysis Time..: 13:20				
Total Organic Halogens		Work Order #: G693R1AA		MB Lot-Sample #:	D5C300000-136	
	ND	30	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 1				
		Analysis Time..: 09:00				
Total Organic Carbon		Work Order #: G7DV01AA		MB Lot-Sample #:	D5C310000-128	
	ND	1.0	mg/L	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1				
		Analysis Time..: 10:00				
Total Sulfide		Work Order #: G7CXA1AA		MB Lot-Sample #:	D5C300000-371	
	0.80 B	**4.0**	**mg/L**	**SW846 9030B/9034**	**03/29/05**	**5089371**
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C240344 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G7D9V1AC-LCS/G7D9V1AD-LCSD				LCS Lot-Sample#: D5C250000-408	
	89	(85 - 115)			MCAWW 405.1	03/25/05	5084408
	88	(85 - 115)	1.1	(0-20)	MCAWW 405.1	03/25/05	5084408
		Dilution Factor: 1			Analysis Time..: 07:55		
Chemical Oxygen Demand (COD)		WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD				LCS Lot-Sample#: D5D010000-235	
	109	(85 - 115)			MCAWW 410.4	03/31/05	5091235
	110	(85 - 115)	0.31	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1			Analysis Time..: 15:00		
Chloride		WO#:G7C2W1AC-LCS/G7C2W1AD-LCSD				LCS Lot-Sample#: D5C250000-179	
	96	(90 - 110)			MCAWW 300.0A	03/24/05	5084179
	95	(90 - 110)	0.63	(0-10)	MCAWW 300.0A	03/24/05	5084179
		Dilution Factor: 1			Analysis Time..: 19:25		
Fluoride		WO#:G7C2V1AC-LCS/G7C2V1AD-LCSD				LCS Lot-Sample#: D5C250000-182	
	99	(90 - 110)			MCAWW 300.0A	03/24/05	5084182
	99	(90 - 110)	0.25	(0-10)	MCAWW 300.0A	03/24/05	5084182
		Dilution Factor: 1			Analysis Time..: 19:25		
Nitrate		WO#:G7C3C1AC-LCS/G7C3C1AD-LCSD				LCS Lot-Sample#: D5C250000-180	
	92	(90 - 110)			MCAWW 300.0A	03/24/05	5084180
	92	(90 - 110)	0.54	(0-10)	MCAWW 300.0A	03/24/05	5084180
		Dilution Factor: 1			Analysis Time..: 19:25		
Specific Conductance		WO#:G66301AC-LCS/G66301AD-LCSD				LCS Lot-Sample#: D5C280000-492	
	99	(89 - 109)			MCAWW 120.1	03/28/05	5087492
	97	(89 - 109)	1.5	(0-7.0)	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1			Analysis Time..: 13:30		
Sulfate		WO#:G7C3H1AC-LCS/G7C3H1AD-LCSD				LCS Lot-Sample#: D5C250000-181	
	93	(90 - 110)			MCAWW 300.0A	03/24/05	5084181
	92	(90 - 110)	0.59	(0-10)	MCAWW 300.0A	03/24/05	5084181
		Dilution Factor: 1			Analysis Time..: 19:25		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C240344 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G7EEF1AC-LCS/G7EEF1AD-LCSD				LCS Lot-Sample#: D5C290000-546	
	100	(95 - 110)			MCAWW 310.1	03/29/05	5088546
	100	(95 - 110)	0.63	(0-10)	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1			Analysis Time..: 13:58		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD				LCS Lot-Sample#: D5C290000-480	
	100	(89 - 109)			SW846 9012A	03/29/05	5088480
	104	(89 - 109)	3.9	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1			Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G665W1AC-LCS/G665W1AD-LCSD				LCS Lot-Sample#: D5C280000-559	
	99	(86 - 106)			MCAWW 160.1	03/28/05	5087559
	96	(86 - 106)	3.1	(0-20)	MCAWW 160.1	03/28/05	5087559
		Dilution Factor: 1			Analysis Time..: 13:20		
Total Organic Halogens		WO#:G693R1AC-LCS/G693R1AD-LCSD				LCS Lot-Sample#: D5C300000-136	
	101	(75 - 113)			SW846 9020B	03/29/05	5089136
	96	(75 - 113)	4.5	(0-30)	SW846 9020B	03/29/05	5089136
		Dilution Factor: 1			Analysis Time..: 09:00		
Total Organic Carbon		WO#:G7DV01AC-LCS/G7DV01AD-LCSD				LCS Lot-Sample#: D5C310000-128	
	104	(89 - 113)			MCAWW 415.1	03/30/05	5090128
	108	(89 - 113)	3.8	(0-10)	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1			Analysis Time..: 10:00		
Total Sulfide		WO#:G7CXA1AC-LCS/G7CXA1AD-LCSD				LCS Lot-Sample#: D5C300000-371	
	93	(70 - 130)			SW846 9030B/9034	03/29/05	5089371
	97	(70 - 130)	4.8	(0-20)	SW846 9030B/9034	03/29/05	5089371
		Dilution Factor: 1			Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C240344 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G7D9V1AC-LCS/G7D9V1AD-LCSD				LCS Lot-Sample#: D5C250000-408		
	198	176	mg/L	89		MCAWW 405.1	03/25/05	5084408
	198	174	mg/L	88	1.1	MCAWW 405.1	03/25/05	5084408
		Dilution Factor: 1				Analysis Time..: 07:55		
Chemical Oxygen Demand (COD)		WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD				LCS Lot-Sample#: D5D010000-235		
	100	109	mg/L	109		MCAWW 410.4	03/31/05	5091235
	100	110	mg/L	110	0.31	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1				Analysis Time..: 15:00		
Chloride		WO#:G7C2W1AC-LCS/G7C2W1AD-LCSD				LCS Lot-Sample#: D5C250000-179		
	20.0	19.1	mg/L	96		MCAWW 300.0A	03/24/05	5084179
	20.0	19.0	mg/L	95	0.63	MCAWW 300.0A	03/24/05	5084179
		Dilution Factor: 1				Analysis Time..: 19:25		
Fluoride		WO#:G7C2V1AC-LCS/G7C2V1AD-LCSD				LCS Lot-Sample#: D5C250000-182		
	4.00	3.97	mg/L	99		MCAWW 300.0A	03/24/05	5084182
	4.00	3.96	mg/L	99	0.25	MCAWW 300.0A	03/24/05	5084182
		Dilution Factor: 1				Analysis Time..: 19:25		
Nitrate		WO#:G7C3C1AC-LCS/G7C3C1AD-LCSD				LCS Lot-Sample#: D5C250000-180		
	4.00	3.70	mg/L	92		MCAWW 300.0A	03/24/05	5084180
	4.00	3.68	mg/L	92	0.54	MCAWW 300.0A	03/24/05	5084180
		Dilution Factor: 1				Analysis Time..: 19:25		
Specific Conductance		WO#:G66301AC-LCS/G66301AD-LCSD				LCS Lot-Sample#: D5C280000-492		
	1410	1390	umhos/cm	99		MCAWW 120.1	03/28/05	5087492
	1410	1370	umhos/cm	97	1.5	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1				Analysis Time..: 13:30		
Sulfate		WO#:G7C3H1AC-LCS/G7C3H1AD-LCSD				LCS Lot-Sample#: D5C250000-181		
	20.0	18.6	mg/L	93		MCAWW 300.0A	03/24/05	5084181
	20.0	18.5	mg/L	92	0.59	MCAWW 300.0A	03/24/05	5084181
		Dilution Factor: 1				Analysis Time..: 19:25		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C240344 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G7EEF1AC-LCS/G7EEF1AD-LCSD				LCS Lot-Sample#: D5C290000-546		
	200	199	mg/L	100		MCAWW 310.1	03/29/05	5088546
	200	201	mg/L	100	0.63	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1				Analysis Time..: 13:58		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD				LCS Lot-Sample#: D5C290000-480		
	0.100	0.100	mg/L	100		SW846 9012A	03/29/05	5088480
	0.100	0.104	mg/L	104	3.9	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G665W1AC-LCS/G665W1AD-LCSD				LCS Lot-Sample#: D5C280000-559		
	500	497	mg/L	99		MCAWW 160.1	03/28/05	5087559
	500	482	mg/L	96	3.1	MCAWW 160.1	03/28/05	5087559
		Dilution Factor: 1				Analysis Time..: 13:20		
Total Organic Halogens		WO#:G693R1AC-LCS/G693R1AD-LCSD				LCS Lot-Sample#: D5C300000-136		
	100	101	ug/L	101		SW846 9020B	03/29/05	5089136
	100	96.3	ug/L	96	4.5	SW846 9020B	03/29/05	5089136
		Dilution Factor: 1				Analysis Time..: 09:00		
Total Organic Carbon		WO#:G7DV01AC-LCS/G7DV01AD-LCSD				LCS Lot-Sample#: D5C310000-128		
	25.0	26.0	mg/L	104		MCAWW 415.1	03/30/05	5090128
	25.0	27.0	mg/L	108	3.8	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1				Analysis Time..: 10:00		
Total Sulfide		WO#:G7CXA1AC-LCS/G7CXA1AD-LCSD				LCS Lot-Sample#: D5C300000-371		
	24.3	22.6	mg/L	93		SW846 9030B/9034	03/29/05	5089371
	24.3	23.7	mg/L	97	4.8	SW846 9030B/9034	03/29/05	5089371
		Dilution Factor: 1				Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/30/05 08:10 **Date Received..:** 03/31/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002	
	114 N	(74 - 109)			MCAWW 410.4	03/31/05	5091235
	111 N	(74 - 109)	2.8	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1					
		Analysis Time..: 15:00					
Chloride		WO#: G60N51CT-MS/G60N51CU-MSD				MS Lot-Sample #: D5C240344-002	
	111 I	(80 - 120)			MCAWW 300.0A	03/24/05	5084179
	112 I	(80 - 120)	0.28	(0-20)	MCAWW 300.0A	03/24/05	5084179
		Dilution Factor: 1					
		Analysis Time..: 20:14					
Fluoride		WO#: G60N51CQ-MS/G60N51CR-MSD				MS Lot-Sample #: D5C240344-002	
	98	(80 - 120)			MCAWW 300.0A	03/24/05	5084182
	98	(80 - 120)	0.56	(0-20)	MCAWW 300.0A	03/24/05	5084182
		Dilution Factor: 1					
		Analysis Time..: 20:14					
Nitrate		WO#: G60N51CV-MS/G60N51CW-MSD				MS Lot-Sample #: D5C240344-002	
	94	(80 - 120)			MCAWW 300.0A	03/24/05	5084180
	95	(80 - 120)	0.42	(0-20)	MCAWW 300.0A	03/24/05	5084180
		Dilution Factor: 1					
		Analysis Time..: 20:14					
Sulfate		WO#: G60N51CX-MS/G60N51C0-MSD				MS Lot-Sample #: D5C240344-002	
	99	(80 - 120)			MCAWW 300.0A	03/24/05	5084181
	100	(80 - 120)	0.97	(0-20)	MCAWW 300.0A	03/24/05	5084181
		Dilution Factor: 1					
		Analysis Time..: 21:14					
Total Cyanide		WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001	
	97	(78 - 120)			SW846 9012A	03/29/05	5088480
	98	(78 - 120)	1.3	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Carbon		WO#: G60N51C1-MS/G60N51C2-MSD				MS Lot-Sample #: D5C240344-002	
	124	(73 - 124)			MCAWW 415.1	03/30/05	5090128
	126 N	(73 - 124)	1.8	(0-10)	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1					
		Analysis Time..: 10:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C240344 **Matrix.....:** WATER
Date Sampled...: 03/30/05 08:10 **Date Received..:** 03/31/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002		
	4.9	50.0	62.0 N	mg/L	114		MCAWW 410.4	03/31/05	5091235
	4.9	50.0	60.3 N	mg/L	111	2.8	MCAWW 410.4	03/31/05	5091235
			Dilution Factor: 1						
			Analysis Time..: 15:00						
Chloride			WO#: G60N51CT-MS/G60N51CU-MSD				MS Lot-Sample #: D5C240344-002		
	40	25.0	67.9 I	mg/L	111		MCAWW 300.0A	03/24/05	5084179
	40	25.0	68.1 I	mg/L	112	0.28	MCAWW 300.0A	03/24/05	5084179
			Dilution Factor: 1						
			Analysis Time..: 20:14						
Fluoride			WO#: G60N51CQ-MS/G60N51CR-MSD				MS Lot-Sample #: D5C240344-002		
	0.40	5.00	5.28	mg/L	98		MCAWW 300.0A	03/24/05	5084182
	0.40	5.00	5.31	mg/L	98	0.56	MCAWW 300.0A	03/24/05	5084182
			Dilution Factor: 1						
			Analysis Time..: 20:14						
Nitrate			WO#: G60N51CV-MS/G60N51CW-MSD				MS Lot-Sample #: D5C240344-002		
	ND	5.00	4.71	mg/L	94		MCAWW 300.0A	03/24/05	5084180
	ND	5.00	4.73	mg/L	95	0.42	MCAWW 300.0A	03/24/05	5084180
			Dilution Factor: 1						
			Analysis Time..: 20:14						
Sulfate			WO#: G60N51CX-MS/G60N51C0-MSD				MS Lot-Sample #: D5C240344-002		
	51	125	174	mg/L	99		MCAWW 300.0A	03/24/05	5084181
	51	125	176	mg/L	100	0.97	MCAWW 300.0A	03/24/05	5084181
			Dilution Factor: 1						
			Analysis Time..: 21:14						
Total Cyanide			WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001		
	ND	0.100	0.0997	mg/L	97		SW846 9012A	03/29/05	5088480
	ND	0.100	0.101	mg/L	98	1.3	SW846 9012A	03/29/05	5088480
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Carbon			WO#: G60N51C1-MS/G60N51C2-MSD				MS Lot-Sample #: D5C240344-002		
	1.4	25.0	32.4	mg/L	124		MCAWW 415.1	03/30/05	5090128
	1.4	25.0	33.0 N	mg/L	126	1.8	MCAWW 415.1	03/30/05	5090128
			Dilution Factor: 1						
			Analysis Time..: 10:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240344 **Work Order #...:** G64X2-SMP G64X2-DUP **Matrix.....:** WATER

Date Sampled...: 03/25/05 13:30 **Date Received..:** 03/26/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Conductance						SD Lot-Sample #:	D5C260131-001	
	26000	28000	umhos/cm	5.5	(0-7.0)	MCAWW 120.1	03/28/05	5087492

Dilution Factor: 1 Analysis Time..: 13:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240344 **Work Order #...:** G60N5-SMP G60N5-DUP **Matrix.....:** WATER

Date Sampled...: 03/23/05 08:00 **Date Received..:** 03/24/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D5C240344-002	
	400 J	390	mg/L	2.0	(0-20)	MCAWW 160.1	03/28/05	5087559
			Dilution Factor: 1			Analysis Time..: 13:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240344 **Work Order #...:** G66HP-SMP G66HP-DUP **Matrix.....:** WATER

Date Sampled...: 03/24/05 15:15 **Date Received..:** 03/28/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D5C280159-004	
	1200	1200	mg/L	1.8	(0-10)	MCAWW 310.1	03/29/05	5088546

Dilution Factor: 1 Analysis Time..: 13:58

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240344 **Work Order #...:** G63AT-SMP G63AT-DUP **Matrix.....:** WATER

Date Sampled...: 03/23/05 09:20 **Date Received..:** 03/25/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #:	D5C250266-001	
	ND	ND	mg/L	0	(0-20)	MCAWW 405.1	03/25/05	5084409

Dilution Factor: 1 Analysis Time..: 12:35

[redacted]

Chain of Custody Record

3.2
3-24-05

STL-4124 (0901)

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Client: SCS ENGINEERS	Project Manager: TINA S	Date: 3/23/05	Chain of Custody Number: 301636
Address: 3900 KILROY AIRPORT WAY #100	Telephone Number (Area Code)/Fax Number: (800) 326-9544	Lab Number:	Page 1 of 1
City: Long Beach; State: CA; Zip Code: 90806	Site Contact:	Lab Contact:	
Project Name and Location (State): Bradley	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 234 25662-C			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		GENERAL CHEMISTRY	METALS DISSOLVED	TOX	COD/TOC	VOLATILES-GCMS	BOD 405.1	METALS-TOTAL	SEMIVOA ORGANICS	CYANIDE-9012	TOTAL SULFIDE			Special Instructions/ Conditions of Receipt
TRIP BLANK	3/23/05	0700		X							1								X								
4916 G	3/23/05	0800		X				5	2	2	3	1	1		X	X	X	X	X	X	X	X	X	X			

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify):

1. Relinquished By: Mark Owen	Date: 3/23/05	Time: 1600	1. Received By: [signature]	Date: 3-24-05	Time: 9:30
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 49 1 6 G (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: PSC240344

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 23 05	0830	1 1 4 5		2 0	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device (Y) or N (0.45 µ) or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 900.55 (ft/msl)

Depth to Water (DTW) (from TOC): 25.20 (ft)

Groundwater Elevation (site datum, from TOC): 648.55 (ft/msl)

Total Well Depth (from TOC): 363.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:00	1.0 1st	6.78 1st	.675 1st	22.7	5.04	0.83	421	
09:15	2.0 2nd	6.91 2nd	.674 2nd	23.3	1.48	0.92	421	
	3rd	3rd	3rd					
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
03 23 05	6.91	.674	23.3	1.48	0.92	421	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/23/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12/00

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C230191
Groundwater

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

April 12, 2005

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- **Method/Analyst Summary**
- **Lot Sample Summary**
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- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for three samples received at STL's Denver laboratory on March 23, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C230191

Sample Receiving

- The cooler temperatures upon receipt at the Denver laboratory were 3.1°C and 2.7°C.
- One of the three vials received for the sample 4916D contained approximately 10 mm of headspace, however two vials without headspace were available for Method 8260B analysis.
- Sediment was observed in the sample volume received for dissolved metals analysis for the sample 4916D. The client was contacted and the client explained that the volume for dissolved metals analysis was not filtered in the field, and therefore, the laboratory was instructed to filter and preserve volume from unpreserved volume for dissolved metals analysis.
- The client instructed the laboratory on March 23, 2005 not to analyze the sample 4916G.
- All other sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Trip Blanks

- Toluene was detected in the Trip Blank sample at a level below the requested reporting limit, however, Toluene was not detected in any other samples, and therefore, no corrective action was performed.

Method Blanks

- Total Dissolved Solids (TDS) Method 160.1, Total Organic Carbon (TOC) Method 415.1, and Total Sulfide Method 9030B/9034 were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

- All other Method Blanks were within established control limits.

Laboratory Control Samples

- All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- The percent recoveries of the MS/MSD and/or the relative percent difference were not calculated for Total Manganese, Total Boron, and Dissolved Calcium during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

- The method required MS/MSD could not be performed for Method 9030B/9034 due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- Sample 4926C was selected to fulfill the laboratory batch quality control requirements for Total Organic Halogens (TOX) Method 9020B. Analysis of the laboratory generated MS/MSD for this sample provided MS and MSD recoveries of TOX above the upper control limit indicating the possible presence of a matrix interference.

- The Matrix Spike and Matrix Spike Duplicate performed on an unrelated sample exhibited MS and MSD recoveries outside control limits for Chemical Oxygen Demand (COD) Method 410.4. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

- Due to the result concentration exceeding the calibration range the MS/MSD results for Chloride Method 300.0A are estimated.

- All other MS and MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D5C230191

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK 03/22/05 07:30 001				
Toluene	0.24 J	1.0	ug/L	SW846 8260B
4926C 03/22/05 08:00 002				
Calcium - DISSOLVED	84000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	23000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	32000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	5400	5000	ug/L	SW846 6010B
Iron - DISSOLVED	34 B	100	ug/L	SW846 6010B
Mercury	0.21	0.20	ug/L	SW846 7470A
Cobalt	2.4 B	10	ug/L	SW846 6010B
Manganese	2000	10	ug/L	SW846 6010B
Barium	160	100	ug/L	SW846 6010B
Potassium	5100	5000	ug/L	SW846 6010B
Chromium	8.0 B	10	ug/L	SW846 6010B
Copper	2.1 B	10	ug/L	SW846 6010B
Nickel	9.6 B	40	ug/L	SW846 6010B
Boron	180	100	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	13	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	0.32 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.1 J	10	ug/L	SW846 8260B
Specific Conductance	700	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	400 J	10	mg/L	MCAWW 160.1
Biochemical Oxygen Demand (BOD)	9.9	2.0	mg/L	MCAWW 405.1
Chloride	39	3.0	mg/L	MCAWW 300.0A
Sulfate	50 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.43 B	1.0	mg/L	MCAWW 300.0A
Total Organic Carbon	1.4 J	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.2 J	1.0	mg/L	MCAWW 415.1
Total Organic Halogens	9.1 B	30	ug/L	SW846 9020B
Total Organic Halogens	8.6 B	30	ug/L	SW846 9020B
Bicarbonate, as CaCO3	260	5.0	mg/L	MCAWW 310.1
Total Alkalinity	260	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C230191

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4916D 03/22/05 14:45 004				
Calcium - DISSOLVED	83000	200	ug/L	SW846 6010B
Magnesium - DISSOLVED	23000	200	ug/L	SW846 6010B
Sodium - DISSOLVED	31000	5000	ug/L	SW846 6010B
Potassium - DISSOLVED	5000	5000	ug/L	SW846 6010B
Iron - DISSOLVED	2200	100	ug/L	SW846 6010B
Mercury	0.068 B	0.20	ug/L	SW846 7470A
Silver	0.40 B	10	ug/L	SW846 6010B
Arsenic	4.2 B	10	ug/L	SW846 6010B
Cobalt	4.7 B	10	ug/L	SW846 6010B
Manganese	4500	10	ug/L	SW846 6010B
Barium	160	100	ug/L	SW846 6010B
Potassium	5100	5000	ug/L	SW846 6010B
Copper	20	10	ug/L	SW846 6010B
Nickel	2.0 B	40	ug/L	SW846 6010B
Zinc	57	20	ug/L	SW846 6010B
Boron	170	100	ug/L	SW846 6010B
Benzene	0.32 J	1.0	ug/L	SW846 8260B
Chlorobenzene	0.63 J	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	0.48 J	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	3.6 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	0.62 J	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	0.40 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.7 J	10	ug/L	SW846 8260B
1,2-Dichloropropane	0.84 J	5.0	ug/L	SW846 8260B
Tetrachloroethene	0.51 J	5.0	ug/L	SW846 8260B
Trichloroethene	0.21 J	5.0	ug/L	SW846 8260B
Vinyl chloride	0.32 J	1.0	ug/L	SW846 8260B
Specific Conductance	710	2.0	umhos/cm	MCAWW 120.1
Total Dissolved Solids	420 J	10	mg/L	MCAWW 160.1
Biochemical Oxygen Demand (BOD)	11	2.0	mg/L	MCAWW 405.1
Chloride	41	3.0	mg/L	MCAWW 300.0A
Sulfate	50 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.34 B	1.0	mg/L	MCAWW 300.0A
Nitrate	0.23 B	0.50	mg/L	MCAWW 300.0A
Total Organic Carbon	1.3 J	1.0	mg/L	MCAWW 415.1
Total Organic Carbon	1.3 J	1.0	mg/L	MCAWW 415.1
Total Organic Halogens	20 B	30	ug/L	SW846 9020B
Total Organic Halogens	19 B	30	ug/L	SW846 9020B
Cyanide, Total	0.0029 B	0.010	mg/L	SW846 9012A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C230191

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
4916D 03/22/05 14:45 004				
Bicarbonate, as CaCO3	260	5.0	mg/L	MCAWW 310.1
Total Alkalinity	260	5.0	mg/L	MCAWW 310.1

PREPARATION METHODS SUMMARY

D5C230191

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	SW846 9012A	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Nitrate	MCAWW 300.0A	MCAWW 300.0A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfides, Total	SW846 9030B/903	SW846 9030B/903
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C230191

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate as N	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C230191

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Fougere M. Danielle	006481
MCAWW 160.1	Dusti O. Criqui	006589
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Maria Fayard	002596
MCAWW 405.1	Fougere M. Danielle	006481
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Nicole Dean	008504
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Greg Meier	006004
SW846 8270C	David Kidd	007536
SW846 9012A	Ewa Kudla	001167
SW846 9020B	Dave Elkin	000901
SW846 9030B/9034	Duane Allee	001470

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C230191

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G6TGF	001	TRIP BLANK	03/22/05	07:30
G6TGM	002	4926C	03/22/05	08:00
G6TG9	004	4916D	03/22/05	14:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C230191-001 **Work Order #...:** G6TGF1AA **Matrix.....:** WATER
Date Sampled...: 03/22/05 07:30 **Date Received..:** 03/23/05
Prep Date.....: 03/29/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5089526 **Analysis Time..:** 19:24
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	ND	10	ug/L	0.20
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	ND	10	ug/L	0.14
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D5C230191-001 **Work Order #...:** G6TGF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	**0.24 J**	**1.0**	**ug/L**	**0.17**
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 118)
1,2-Dichloroethane-d4	97	(62 - 128)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	102	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4926C

GC/MS Volatiles

Lot-Sample #...: D5C230191-002 **Work Order #...:** G6TGM1AT **Matrix.....:** WATER
Date Sampled...: 03/22/05 08:00 **Date Received..:** 03/23/05
Prep Date.....: 03/29/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5089526 **Analysis Time..:** 19:47
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	ND	1.0	ug/L	0.15
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	ND	5.0	ug/L	0.19
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	ND	10	ug/L	0.25
1,4-Dichlorobenzene	**0.32 J**	**10**	**ug/L**	**0.20**
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	ND	5.0	ug/L	0.24
1,2-Dichloroethane	ND	5.0	ug/L	0.12
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	**1.1 J**	**10**	**ug/L**	**0.14**
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	ND	5.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	ND	5.0	ug/L	0.20

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Waste Management, Inc.

Client Sample ID: 4926C

GC/MS Volatiles

Lot-Sample #...: D5C230191-002 **Work Order #...:** G6TGM1AT **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	ND	5.0	ug/L	0.19
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	ND	1.0	ug/L	0.28
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 118)
1,2-Dichloroethane-d4	90	(62 - 128)
4-Bromofluorobenzene	99	(78 - 118)
Toluene-d8	101	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916D

GC/MS Volatiles

Lot-Sample #...: D5C230191-004 **Work Order #...:** G6TG91A5 **Matrix.....:** WATER
Date Sampled...: 03/22/05 14:45 **Date Received..:** 03/23/05
Prep Date.....: 03/29/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5089526 **Analysis Time..:** 20:11
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	34	ug/L	4.0
Acrylonitrile	ND	100	ug/L	2.3
Benzene	**0.32 J**	**1.0**	**ug/L**	**0.15**
Bromochloromethane	ND	10	ug/L	0.20
Bromodichloromethane	ND	5.0	ug/L	0.15
Bromoform	ND	5.0	ug/L	0.33
Bromomethane	ND	10	ug/L	0.26
Carbon disulfide	ND	5.0	ug/L	0.27
Carbon tetrachloride	ND	0.50	ug/L	0.19
Chlorobenzene	**0.63 J**	**5.0**	**ug/L**	**0.19**
Dibromochloromethane	ND	5.0	ug/L	0.12
Chloroethane	ND	10	ug/L	0.31
Chloroform	ND	5.0	ug/L	0.15
Chloromethane	ND	10	ug/L	0.25
Dibromomethane	ND	10	ug/L	0.13
1,2-Dichlorobenzene	**0.48 J**	**10**	**ug/L**	**0.25**
1,4-Dichlorobenzene	**3.6 J**	**10**	**ug/L**	**0.20**
trans-1,4-Dichloro-2-butene	ND	10	ug/L	0.29
Dichlorodifluoromethane	ND	10	ug/L	0.26
1,1-Dichloroethane	**0.62 J**	**5.0**	**ug/L**	**0.24**
1,2-Dichloroethane	**0.40 J**	**5.0**	**ug/L**	**0.12**
1,1-Dichloroethene	ND	1.0	ug/L	0.27
cis-1,2-Dichloroethene	**2.7 J**	**10**	**ug/L**	**0.14**
trans-1,2-Dichloroethene	ND	10	ug/L	0.17
1,2-Dichloropropane	**0.84 J**	**5.0**	**ug/L**	**0.17**
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.12
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	5.0	ug/L	0.22
Trichlorofluoromethane	ND	10	ug/L	0.33
2-Hexanone	ND	5.0	ug/L	0.38
Iodomethane	ND	10	ug/L	0.29
Methylene chloride	ND	5.0	ug/L	0.26
4-Methyl-2-pentanone	ND	10	ug/L	0.74
Styrene	ND	5.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.16
Tetrachloroethene	**0.51 J**	**5.0**	**ug/L**	**0.20**

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Waste Management, Inc.

Client Sample ID: 4916D

GC/MS Volatiles

Lot-Sample #...: D5C230191-004 **Work Order #...:** G6TG91A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.18
1,1,2-Trichloroethane	ND	5.0	ug/L	0.24
Trichloroethene	**0.21 J**	**5.0**	**ug/L**	**0.19**
1,2,3-Trichloropropane	ND	10	ug/L	0.26
Vinyl acetate	ND	10	ug/L	0.80
Vinyl chloride	**0.32 J**	**1.0**	**ug/L**	**0.28**
Xylenes (total)	ND	10	ug/L	0.45
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	0.63
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.20
2-Butanone (MEK)	ND	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 118)
1,2-Dichloroethane-d4	95	(62 - 128)
4-Bromofluorobenzene	101	(78 - 118)
Toluene-d8	102	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4926C

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-002 **Work Order #...:** G6TGM1A5 **Matrix.....:** WATER
Date Sampled...: 03/22/05 08:00 **Date Received..:** 03/23/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5084481 **Analysis Time..:** 23:00
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	**13**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4926C

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-002 **Work Order #...:** G6TGM1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4926C

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-002 Work Order #...: G6TGM1A5 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4926C

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-002 **Work Order #...:** G6TGM1A5 **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(33 - 106)
Phenol-d5	80	(40 - 105)
Nitrobenzene-d5	78	(48 - 108)
2-Fluorobiphenyl	66	(39 - 93)
2,4,6-Tribromophenol	68	(31 - 122)
Terphenyl-d14	87	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4916D

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-004 **Work Order #...:** G6TG91AG **Matrix.....:** WATER
Date Sampled...: 03/22/05 14:45 **Date Received..:** 03/23/05
Prep Date.....: 03/28/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5084481 **Analysis Time..:** 23:25
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916D

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-004 Work Order #...: G6TG91AG Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	1.5
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: 4916D

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-004 Work Order #...: G6TG91AG Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: 4916D

GC/MS Semivolatiles

Lot-Sample #...: D5C230191-004 Work Order #...: G6TG91AG Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(33 - 106)
Phenol-d5	79	(40 - 105)
Nitrobenzene-d5	76	(48 - 108)
2-Fluorobiphenyl	63	(39 - 93)
2,4,6-Tribromophenol	70	(31 - 122)
Terphenyl-d14	85	(20 - 123)

Waste Management, Inc.

Client Sample ID: 4926C

TOTAL Metals

Lot-Sample #...: D5C230191-002 **Matrix.....:** WATER
Date Sampled...: 03/22/05 08:00 **Date Received..:** 03/23/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083389						
Mercury	**0.21**	**0.20**	**ug/L**	**SW846 7470A**	**03/28/05**	**G6TGM1CL**
		Dilution Factor: 1		Analysis Time..: 16:47	MDL.....: 0.044	
Prep Batch #...: 5083612						
Manganese	**2000**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G6TGM1AH**
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 1.9	
Barium	**160**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G6TGM1AJ**
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 2.1	
Potassium	**5100**	**5000**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G6TGM1AR**
		Dilution Factor: 1		Analysis Time..: 22:22	MDL.....: 250	
Silver	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G6TGM1A8
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 0.37	
Arsenic	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G6TGM1A9
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G6TGM1CA
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 0.38	
Cobalt	**2.4 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G6TGM1CC**
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 0.91	
Chromium	**8.0 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G6TGM1CD**
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 1.2	
Copper	**2.1 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G6TGM1CE**
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 1.6	
Nickel	**9.6 B**	**40**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G6TGM1CF**
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G6TGM1CG
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G6TGM1CH
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 3.2	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4926C

TOTAL Metals

Lot-Sample #...: D5C230191-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G6TGM1CJ
		Dilution Factor: 1		Analysis Time..: 16:13	MDL.....: 3.3	
Zinc	ND	20	ug/L	SW846 6010B	03/25-03/28/05	G6TGM1CK
		Dilution Factor: 1		Analysis Time..: 22:22	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G6TGM1CM
		Dilution Factor: 1		Analysis Time..: 22:22	MDL.....: 0.83	
Boron	**180**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G6TGM1CN**
		Dilution Factor: 1		Analysis Time..: 22:22	MDL.....: 13	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4926C

DISSOLVED Metals

Lot-Sample #...: D5C230191-002 Matrix.....: WATER
Date Sampled...: 03/22/05 08:00 Date Received..: 03/23/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083616						
Calcium	84000	200	ug/L	SW846 6010B	03/25-03/28/05	G6TGM1AU
		Dilution Factor: 1		Analysis Time..: 21:05	MDL.....: 96	
Magnesium	23000	200	ug/L	SW846 6010B	03/25-03/28/05	G6TGM1AV
		Dilution Factor: 1		Analysis Time..: 21:05	MDL.....: 17	
Sodium	32000	5000	ug/L	SW846 6010B	03/25-03/28/05	G6TGM1AW
		Dilution Factor: 1		Analysis Time..: 21:05	MDL.....: 1400	
Potassium	5400	5000	ug/L	SW846 6010B	03/25-03/28/05	G6TGM1AX
		Dilution Factor: 1		Analysis Time..: 21:05	MDL.....: 250	
Iron	34 B	100	ug/L	SW846 6010B	03/25-03/27/05	G6TGM1A2
		Dilution Factor: 1		Analysis Time..: 17:20	MDL.....: 28	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916D

TOTAL Metals

Lot-Sample #...: D5C230191-004 Matrix.....: WATER
Date Sampled...: 03/22/05 14:45 Date Received..: 03/23/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083389						
Mercury	0.068 B	0.20	ug/L	SW846 7470A	03/28/05	G6TG91CL
		Dilution Factor: 1		Analysis Time..: 16:49	MDL.....: 0.044	
Prep Batch #...: 5083612						
Manganese	4500	10	ug/L	SW846 6010B	03/25-03/27/05	G6TG91AU
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 1.9	
Barium	160	100	ug/L	SW846 6010B	03/25-03/27/05	G6TG91AV
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 2.1	
Potassium	5100	5000	ug/L	SW846 6010B	03/25-03/28/05	G6TG91A4
		Dilution Factor: 1		Analysis Time..: 22:37	MDL.....: 250	
Silver	0.40 B	10	ug/L	SW846 6010B	03/25-03/27/05	G6TG91AK
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 0.37	
Arsenic	4.2 B	10	ug/L	SW846 6010B	03/25-03/27/05	G6TG91AL
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 3.4	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CA
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 0.38	
Cobalt	4.7 B	10	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CC
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 0.91	
Chromium	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CD
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 1.2	
Copper	20	10	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CE
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 1.6	
Nickel	2.0 B	40	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CF
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CG
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 1.5	
Antimony	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CH
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 3.2	

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Waste Management, Inc.

Client Sample ID: 4916D

TOTAL Metals

Lot-Sample #...: D5C230191-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G6TG91CJ
		Dilution Factor: 1		Analysis Time..: 16:18	MDL.....: 3.3	
Zinc	**57**	**20**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G6TG91CK**
		Dilution Factor: 1		Analysis Time..: 22:37	MDL.....: 4.9	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G6TG91CM
		Dilution Factor: 1		Analysis Time..: 22:37	MDL.....: 0.83	
Boron	**170**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G6TG91CN**
		Dilution Factor: 1		Analysis Time..: 22:37	MDL.....: 13	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 4916D

DISSOLVED Metals

Lot-Sample #...: D5C230191-004 Matrix.....: WATER
Date Sampled...: 03/22/05 14:45 Date Received..: 03/23/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083616						
Calcium	83000	200	ug/L	SW846 6010B	03/25-03/28/05	G6TG91A6
		Dilution Factor: 1		Analysis Time..: 21:11	MDL.....: 96	
Magnesium	23000	200	ug/L	SW846 6010B	03/25-03/28/05	G6TG91A7
		Dilution Factor: 1		Analysis Time..: 21:11	MDL.....: 17	
Sodium	31000	5000	ug/L	SW846 6010B	03/25-03/28/05	G6TG91A8
		Dilution Factor: 1		Analysis Time..: 21:11	MDL.....: 1400	
Potassium	5000	5000	ug/L	SW846 6010B	03/25-03/28/05	G6TG91A9
		Dilution Factor: 1		Analysis Time..: 21:11	MDL.....: 250	
Iron	2200	100	ug/L	SW846 6010B	03/25-03/27/05	G6TG91AD
		Dilution Factor: 1		Analysis Time..: 17:24	MDL.....: 28	

Waste Management, Inc.

Client Sample ID: 4926C

General Chemistry

Lot-Sample #...: D5C230191-002 Work Order #...: G6TGM Matrix.....: WATER
Date Sampled...: 03/22/05 08:00 Date Received..: 03/23/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**260**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/28/05**	**5088454**
		Dilution Factor: 1		Analysis Time..: 21:49	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	**9.9**	**2.0**	**mg/L**	**MCAWW 405.1**	**03/23/05**	**5082412**
		Dilution Factor: 1		Analysis Time..: 07:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/28/05	5088455
		Dilution Factor: 1		Analysis Time..: 21:49	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	ND	8.0	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 4.0	
Chloride	**39**	**3.0**	**mg/L**	**MCAWW 300.0A**	**03/23/05**	**5083230**
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....: 0.10	
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	**0.43 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/23/05**	**5083232**
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....: 0.10	
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	03/23/05	5083228
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....: 0.020	
Specific Conductance	**700**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/24/05**	**5083475**
		Dilution Factor: 1		Analysis Time..: 12:30	MDL.....:	
Sulfate	**50 Q**	**25**	**mg/L**	**MCAWW 300.0A**	**03/23/05**	**5083231**
		Dilution Factor: 5		Analysis Time..: 17:47	MDL.....: 0.50	
Total Alkalinity	**260**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/28/05**	**5088457**
		Dilution Factor: 1		Analysis Time..: 21:49	MDL.....: 0.85	
Total Dissolved Solids	**400 J**	**10**	**mg/L**	**MCAWW 160.1**	**03/28/05**	**5087559**
		Dilution Factor: 1		Analysis Time..: 13:20	MDL.....: 3.6	
Total Organic Carbon	**1.4 J**	**1.0**	**mg/L**	**MCAWW 415.1**	**03/30/05**	**5090120**
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 0.27	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 4926C

General Chemistry

Lot-Sample #...: D5C230191-002 Work Order #...: G6TGM Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon 2	1.2 J	1.0	mg/L	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 0.27	
Total Organic Halogens	9.1 B	30	ug/L	SW846 9020B	03/25/05	5087185
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 7.7	
Total Organic Halogens 2	8.6 B	30	ug/L	SW846 9020B	03/25/05	5087185
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/29/05	5089371
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 4916D

General Chemistry

Lot-Sample #...: D5C230191-004 Work Order #...: G6TG9 Matrix.....: WATER
Date Sampled...: 03/22/05 14:45 Date Received..: 03/23/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	260	5.0	mg/L	MCAWW 310.1	03/28/05	5088454
		Dilution Factor: 1		Analysis Time..: 21:49	MDL.....: 0.85	
Biochemical Oxygen Demand (BOD)	11	2.0	mg/L	MCAWW 405.1	03/23/05	5082412
		Dilution Factor: 1		Analysis Time..: 07:25	MDL.....: 0.20	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	03/28/05	5088455
		Dilution Factor: 1		Analysis Time..: 21:49	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	ND	8.0	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 4.0	
Chloride	41	3.0	mg/L	MCAWW 300.0A	03/23/05	5083230
		Dilution Factor: 1		Analysis Time..: 18:24	MDL.....: 0.10	
Cyanide, Total	0.0029 B	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Fluoride	0.34 B	1.0	mg/L	MCAWW 300.0A	03/23/05	5083232
		Dilution Factor: 1		Analysis Time..: 18:24	MDL.....: 0.10	
Nitrate	0.23 B	0.50	mg/L	MCAWW 300.0A	03/23/05	5083228
		Dilution Factor: 1		Analysis Time..: 18:24	MDL.....: 0.020	
Specific Conductance	710	2.0	umhos/cm	MCAWW 120.1	03/24/05	5083475
		Dilution Factor: 1		Analysis Time..: 12:30	MDL.....:	
Sulfate	50 Q	25	mg/L	MCAWW 300.0A	03/23/05	5083231
		Dilution Factor: 5		Analysis Time..: 18:36	MDL.....: 0.50	
Total Alkalinity	260	5.0	mg/L	MCAWW 310.1	03/28/05	5088457
		Dilution Factor: 1		Analysis Time..: 21:49	MDL.....: 0.85	
Total Dissolved Solids	420 J	10	mg/L	MCAWW 160.1	03/28/05	5087559
		Dilution Factor: 1		Analysis Time..: 13:20	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: 4916D

General Chemistry

Lot-Sample #...: D5C230191-004 Work Order #...: G6TG9 Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	1.3 J	1.0	mg/L	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 0.27	
Total Organic Carbon 2	1.3 J	1.0	mg/L	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 0.27	
Total Organic Halogens	20 B	30	ug/L	SW846 9020B	03/25/05	5087185
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 7.7	
Total Organic Halogens 2	19 B	30	ug/L	SW846 9020B	03/25/05	5087185
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 7.7	
Total Sulfide	ND	4.0	mg/L	SW846 9030B/9034	03/29/05	5089371
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.49	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D5C230191

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		5089526	5089347
002	WATER	MCAWW 120.1		5083475	5083291
	WATER	MCAWW 160.1		5087559	5087312
	WATER	MCAWW 310.1		5088455	
	WATER	MCAWW 405.1		5082412	5087284
	WATER	MCAWW 300.0A		5083230	5083314
	WATER	MCAWW 300.0A		5083231	5083323
	WATER	MCAWW 300.0A		5083232	5083312
	WATER	MCAWW 300.0A		5083228	5083317
	WATER	MCAWW 415.1		5090120	5090123
	WATER	SW846 9020B		5087185	5087104
	WATER	SW846 7470A		5083389	5083308
	WATER	SW846 8260B		5089526	5089347
	WATER	SW846 8270C		5084481	
	WATER	SW846 6010B		5083612	5083376
	WATER	SW846 6010B		5083616	5083378
	WATER	SW846 9012A		5088480	5088243
	WATER	SW846 9030B/9034		5089371	
	WATER	MCAWW 310.1		5088454	
	WATER	MCAWW 310.1		5088457	5088287
	WATER	MCAWW 410.4		5091235	5091161
004	WATER	MCAWW 120.1		5083475	5083291
	WATER	MCAWW 160.1		5087559	5087312
	WATER	MCAWW 310.1		5088455	
	WATER	MCAWW 405.1		5082412	5087284
	WATER	MCAWW 300.0A		5083230	5083314
	WATER	MCAWW 300.0A		5083231	5083323
	WATER	MCAWW 300.0A		5083232	5083312
	WATER	MCAWW 300.0A		5083228	5083317
	WATER	MCAWW 415.1		5090120	5090123
	WATER	SW846 9020B		5087185	5087104
	WATER	SW846 7470A		5083389	5083308
	WATER	SW846 8260B		5089526	5089347
	WATER	SW846 8270C		5084481	
	WATER	SW846 6010B		5083612	5083376
	WATER	SW846 6010B		5083616	5083378
	WATER	SW846 9012A		5088480	5088243
	WATER	SW846 9030B/9034		5089371	
	WATER	MCAWW 310.1		5088454	
	WATER	MCAWW 310.1		5088457	5088287
	WATER	MCAWW 410.4		5091235	5091161

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C230191 **Work Order #...:** G7C5W1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C300000-526

Prep Date.....: 03/29/05 **Analysis Time..:** 17:02

Analysis Date..: 03/29/05 **Prep Batch #...:** 5089526
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	34	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C230191 **Work Order #...:** G7C5W1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Bromochloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 118)
1,2-Dichloroethane-d4	93	(62 - 128)
4-Bromofluorobenzene	97	(78 - 118)
Toluene-d8	98	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C230191 **Work Order #...:** G7C5W1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C300000-526
Prep Date.....: 03/29/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5089526 **Analysis Time..:** 16:39
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**108**	**(66 - 132)**	**SW846 8260B**
Benzene	**89**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**89**	**(78 - 118)**	**SW846 8260B**
Toluene	**91**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**91**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
1,2-Dichloroethane-d4	94	(62 - 128)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	98	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C230191 **Work Order #...:** G7C5W1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C300000-526
Prep Date.....: 03/29/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5089526 **Analysis Time..:** 16:39
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**10.8**	**ug/L**	**108**	**SW846 8260B**
Benzene	**10.0**	**8.91**	**ug/L**	**89**	**SW846 8260B**
Chlorobenzene	**10.0**	**8.94**	**ug/L**	**89**	**SW846 8260B**
Toluene	**10.0**	**9.09**	**ug/L**	**91**	**SW846 8260B**
Trichloroethene	**10.0**	**9.10**	**ug/L**	**91**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
1,2-Dichloroethane-d4	94	(62 - 128)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	98	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C230191 **Work Order #...:** G6RCT1C1-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C220349-001 G6RCT1C2-MSD
Date Sampled...: 03/22/05 09:00 **Date Received..:** 03/22/05
Prep Date.....: 03/29/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5089526 **Analysis Time..:** 17:50
Dilution Factor: 50

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**114**	**(66 - 132)**			**SW846 8260B**
	114	**(66 - 132)**	**0.29**	**(0-26)**	**SW846 8260B**
Benzene	**92**	**(75 - 120)**			**SW846 8260B**
	91	**(75 - 120)**	**0.49**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**92**	**(78 - 118)**			**SW846 8260B**
	91	**(78 - 118)**	**1.3**	**(0-20)**	**SW846 8260B**
Toluene	**95**	**(78 - 118)**			**SW846 8260B**
	92	**(78 - 118)**	**2.5**	**(0-22)**	**SW846 8260B**
Trichloroethene	**92**	**(79 - 122)**			**SW846 8260B**
	92	**(79 - 122)**	**0.91**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
	96	(73 - 118)
1,2-Dichloroethane-d4	93	(62 - 128)
	95	(62 - 128)
4-Bromofluorobenzene	97	(78 - 118)
	98	(78 - 118)
Toluene-d8	102	(77 - 117)
	100	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C230191 **Work Order #...:** G6RCT1C1-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C220349-001 G6RCT1C2-MSD
Date Sampled...: 03/22/05 09:00 **Date Received..:** 03/22/05
Prep Date.....: 03/29/05 **Analysis Date..:** 03/29/05
Prep Batch #...: 5089526 **Analysis Time..:** 17:50
Dilution Factor: 50

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**120**	**500**	**688**	**ug/L**	**114**		**SW846 8260B**
	120	**500**	**686**	**ug/L**	**114**	**0.29**	**SW846 8260B**
Benzene	**ND**	**500**	**460**	**ug/L**	**92**		**SW846 8260B**
	ND	**500**	**457**	**ug/L**	**91**	**0.49**	**SW846 8260B**
Chlorobenzene	**ND**	**500**	**461**	**ug/L**	**92**		**SW846 8260B**
	ND	**500**	**455**	**ug/L**	**91**	**1.3**	**SW846 8260B**
Toluene	**ND**	**500**	**473**	**ug/L**	**95**		**SW846 8260B**
	ND	**500**	**461**	**ug/L**	**92**	**2.5**	**SW846 8260B**
Trichloroethene	**36**	**500**	**498**	**ug/L**	**92**		**SW846 8260B**
	36	**500**	**494**	**ug/L**	**92**	**0.91**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
	96	(73 - 118)
1,2-Dichloroethane-d4	93	(62 - 128)
	95	(62 - 128)
4-Bromofluorobenzene	97	(78 - 118)
	98	(78 - 118)
Toluene-d8	102	(77 - 117)
	100	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C230191 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C250000-481

Prep Date.....: 03/28/05 **Analysis Time..:** 11:17
Analysis Date..: 04/01/05 **Prep Batch #...:** 5084481
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C230191 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C230191 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(33 - 106)
Phenol-d5	79	(40 - 105)
Nitrobenzene-d5	73	(48 - 108)
2-Fluorobiphenyl	45	(39 - 93)
2,4,6-Tribromophenol	72	(31 - 122)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C230191 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	92	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C230191 **Work Order #...:** G64MQ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-481
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 11:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**70**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**47**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**82**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**71**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**86**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**72**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**68**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**59**	**(41 - 113)**	**SW846 8270C**
Phenol	**74**	**(57 - 103)**	**SW846 8270C**
Pyrene	**84**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**52**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	70	(55 - 100)
2-Fluorobiphenyl	51	(40 - 93)
2,4,6-Tribromophenol	78	(51 - 107)
Terphenyl-d14	89	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C230191 **Work Order #...:** G64MQ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-481
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 11:40
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**70.2**	**ug/L**	**70**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**47.4**	**ug/L**	**47**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**123**	**ug/L**	**82**	**SW846 8270C**
2-Chlorophenol	**150**	**107**	**ug/L**	**71**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**85.8**	**ug/L**	**86**	**SW846 8270C**
4-Nitrophenol	**150**	**108**	**ug/L**	**72**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**67.7**	**ug/L**	**68**	**SW846 8270C**
Pentachlorophenol	**150**	**88.7**	**ug/L**	**59**	**SW846 8270C**
Phenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
Pyrene	**100**	**84.1**	**ug/L**	**84**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**51.6**	**ug/L**	**52**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	70	(55 - 100)
2-Fluorobiphenyl	51	(40 - 93)
2,4,6-Tribromophenol	78	(51 - 107)
Terphenyl-d14	89	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C240000-389 **Prep Batch #...:** 5083389						
Mercury	ND	0.20	ug/L	SW846 7470A	03/28/05	G60251AA
		Dilution Factor: 1				
		Analysis Time..: 16:20				
MB Lot-Sample #: D5C240000-612 **Prep Batch #...:** 5083612						
Manganese	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AC
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Barium	ND	100	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AW
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Potassium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AX
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Silver	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AJ
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Arsenic	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AQ
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AK
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Cobalt	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AR
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Chromium	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AL
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Copper	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AM
		Dilution Factor: 1				
		Analysis Time..: 15:49				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C230191

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	40	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AN
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AP
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Antimony	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AT
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AU
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Zinc	ND	20	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AH
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AV
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Boron	ND	100	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AA
		Dilution Factor: 1				
		Analysis Time..: 21:36				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-389 **Prep Batch #...:** 5083389					
Mercury	99	(85 - 114)	SW846 7470A	03/28/05	G60251AC
		Dilution Factor: 1	Analysis Time..: 16:25		
LCS Lot-Sample#: D5C240000-612 **Prep Batch #...:** 5083612					
Manganese	99	(90 - 110)	SW846 6010B	03/25-03/27/05	G61KG1A1
		Dilution Factor: 1	Analysis Time..: 15:53		
Barium	108	(93 - 113)	SW846 6010B	03/25-03/27/05	G61KG1CK
		Dilution Factor: 1	Analysis Time..: 15:53		
Potassium	100	(86 - 111)	SW846 6010B	03/25-03/28/05	G61KG1CL
		Dilution Factor: 1	Analysis Time..: 21:41		
Silver	104	(85 - 114)	SW846 6010B	03/25-03/27/05	G61KG1A7
		Dilution Factor: 1	Analysis Time..: 15:53		
Arsenic	96	(89 - 109)	SW846 6010B	03/25-03/27/05	G61KG1CE
		Dilution Factor: 1	Analysis Time..: 15:53		
Cadmium	100	(89 - 110)	SW846 6010B	03/25-03/27/05	G61KG1A8
		Dilution Factor: 1	Analysis Time..: 15:53		
Cobalt	97	(86 - 107)	SW846 6010B	03/25-03/27/05	G61KG1CF
		Dilution Factor: 1	Analysis Time..: 15:53		
Chromium	100	(89 - 112)	SW846 6010B	03/25-03/27/05	G61KG1A9
		Dilution Factor: 1	Analysis Time..: 15:53		
Copper	100	(86 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CA
		Dilution Factor: 1	Analysis Time..: 15:53		
Nickel	101	(90 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CC
		Dilution Factor: 1	Analysis Time..: 15:53		
Lead	100	(91 - 111)	SW846 6010B	03/25-03/27/05	G61KG1CD
		Dilution Factor: 1	Analysis Time..: 15:53		
Antimony	99	(88 - 108)	SW846 6010B	03/25-03/27/05	G61KG1CG
		Dilution Factor: 1	Analysis Time..: 15:53		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	99	(88 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CH
		Dilution Factor: 1	Analysis Time..: 15:53		
Zinc	98	(85 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A6
		Dilution Factor: 1	Analysis Time..: 21:41		
Beryllium	100	(88 - 112)	SW846 6010B	03/25-03/28/05	G61KG1CJ
		Dilution Factor: 1	Analysis Time..: 21:41		
Boron	99	(89 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A0
		Dilution Factor: 1	Analysis Time..: 21:41		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-389 **Prep Batch #...:** 5083389							
Mercury	5.00	4.97	ug/L	99	SW846 7470A	03/28/05	G60251AC
			Dilution Factor: 1		Analysis Time..: 16:25		
LCS Lot-Sample#: D5C240000-612 **Prep Batch #...:** 5083612							
Manganese	500	496	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1A1
			Dilution Factor: 1		Analysis Time..: 15:53		
Barium	2000	2160	ug/L	108	SW846 6010B	03/25-03/27/05	G61KG1CK
			Dilution Factor: 1		Analysis Time..: 15:53		
Potassium	50000	50000	ug/L	100	SW846 6010B	03/25-03/28/05	G61KG1CL
			Dilution Factor: 1		Analysis Time..: 21:41		
Silver	50.0	52.1	ug/L	104	SW846 6010B	03/25-03/27/05	G61KG1A7
			Dilution Factor: 1		Analysis Time..: 15:53		
Arsenic	2000	1920	ug/L	96	SW846 6010B	03/25-03/27/05	G61KG1CE
			Dilution Factor: 1		Analysis Time..: 15:53		
Cadmium	50.0	50.1	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1A8
			Dilution Factor: 1		Analysis Time..: 15:53		
Cobalt	500	485	ug/L	97	SW846 6010B	03/25-03/27/05	G61KG1CF
			Dilution Factor: 1		Analysis Time..: 15:53		
Chromium	200	199	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1A9
			Dilution Factor: 1		Analysis Time..: 15:53		
Copper	250	250	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1CA
			Dilution Factor: 1		Analysis Time..: 15:53		
Nickel	500	506	ug/L	101	SW846 6010B	03/25-03/27/05	G61KG1CC
			Dilution Factor: 1		Analysis Time..: 15:53		
Lead	500	498	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1CD
			Dilution Factor: 1		Analysis Time..: 15:53		
Antimony	500	495	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1CG
			Dilution Factor: 1		Analysis Time..: 15:53		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Matrix.....: WATER

Client Lot #...: D5C230191

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	2000	1980	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1CH
			Dilution Factor: 1		Analysis Time..: 15:53		
Zinc	500	488	ug/L	98	SW846 6010B	03/25-03/28/05	G61KG1A6
			Dilution Factor: 1		Analysis Time..: 21:41		
Beryllium	50.0	50.1	ug/L	100	SW846 6010B	03/25-03/28/05	G61KG1CJ
			Dilution Factor: 1		Analysis Time..: 21:41		
Boron	1000	993	ug/L	99	SW846 6010B	03/25-03/28/05	G61KG1A0
			Dilution Factor: 1		Analysis Time..: 21:41		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/17/05 09:20 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180371-002 **Prep Batch #...:** 5083389							
Mercury	98	(85 - 114)			SW846 7470A	03/28/05	G6KJP1A5
	98	(85 - 114)	0.05	(0-10)	SW846 7470A	03/28/05	G6KJP1A6
		Dilution Factor: 1					
		Analysis Time..: 16:28					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/17/05 09:20 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180371-002 **Prep Batch #...:** 5083389									
Mercury									
	ND	5.00	4.92	ug/L	98		SW846 7470A	03/28/05	G6KJP1A5
	ND	5.00	4.92	ug/L	98	0.05	SW846 7470A	03/28/05	G6KJP1A6

Dilution Factor: 1
Analysis Time..: 16:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5083612							
Manganese	NC,MSB	(79 - 121)			SW846 6010B	03/25-03/27/05	G60L91CR
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	03/25-03/27/05	G60L91CT
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Barium	106	(85 - 120)			SW846 6010B	03/25-03/27/05	G60L91DW
	111	(85 - 120)	2.1	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DX
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Potassium	111	(76 - 132)			SW846 6010B	03/25-03/28/05	G60L91D0
	115	(76 - 132)	0.94	(0-25)	SW846 6010B	03/25-03/28/05	G60L91D1
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Silver	117	(75 - 141)			SW846 6010B	03/25-03/27/05	G60L91C6
	119	(75 - 141)	1.6	(0-25)	SW846 6010B	03/25-03/27/05	G60L91C7
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Arsenic	107	(84 - 124)			SW846 6010B	03/25-03/27/05	G60L91DK
	110	(84 - 124)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DL
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Cadmium	99	(82 - 119)			SW846 6010B	03/25-03/27/05	G60L91C8
	101	(82 - 119)	2.2	(0-25)	SW846 6010B	03/25-03/27/05	G60L91C9
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Cobalt	98	(82 - 119)			SW846 6010B	03/25-03/27/05	G60L91DM
	100	(82 - 119)	1.8	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DN
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Chromium	98	(73 - 135)			SW846 6010B	03/25-03/27/05	G60L91DA
	100	(73 - 135)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DC
		Dilution Factor: 1					
		Analysis Time..: 16:53					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	112	(82 - 129)			SW846 6010B	03/25-03/27/05	G60L91DD
	114	(82 - 129)	2.0	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DE
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Nickel	99	(84 - 120)			SW846 6010B	03/25-03/27/05	G60L91DF
	101	(84 - 120)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DG
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Lead	103	(89 - 121)			SW846 6010B	03/25-03/27/05	G60L91DH
	105	(89 - 121)	2.0	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DJ
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Antimony	110	(81 - 124)			SW846 6010B	03/25-03/27/05	G60L91DP
	112	(81 - 124)	1.7	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DQ
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Selenium	112	(71 - 140)			SW846 6010B	03/25-03/27/05	G60L91DR
	114	(71 - 140)	1.5	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DT
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Zinc	91	(60 - 137)			SW846 6010B	03/25-03/28/05	G60L91C4
	93	(60 - 137)	1.6	(0-25)	SW846 6010B	03/25-03/28/05	G60L91C5
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Beryllium	100	(79 - 121)			SW846 6010B	03/25-03/28/05	G60L91DU
	102	(79 - 121)	2.1	(0-25)	SW846 6010B	03/25-03/28/05	G60L91DV
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Boron	NC,MSB	(87 - 113)			SW846 6010B	03/25-03/28/05	G60L91CP
	NC,MSB	(87 - 113)		(0-25)	SW846 6010B	03/25-03/28/05	G60L91CQ
		Dilution Factor: 1					
		Analysis Time..: 21:57					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5083612									
Manganese									
	2400	500	2840	ug/L			SW846 6010B	03/25-03/27/05	G60L91CR
			Qualifiers: NC,MSB						
	2400	500	2890	ug/L			SW846 6010B	03/25-03/27/05	G60L91CT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Barium									
	2700	2000	4780	ug/L	106		SW846 6010B	03/25-03/27/05	G60L91DW
	2700	2000	4880	ug/L	111	2.1	SW846 6010B	03/25-03/27/05	G60L91DX
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Potassium									
	140000	50000	195000	ug/L	111		SW846 6010B	03/25-03/28/05	G60L91D0
	140000	50000	197000	ug/L	115	0.94	SW846 6010B	03/25-03/28/05	G60L91D1
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Silver									
	1.8	50.0	60.2	ug/L	117		SW846 6010B	03/25-03/27/05	G60L91C6
	1.8	50.0	61.2	ug/L	119	1.6	SW846 6010B	03/25-03/27/05	G60L91C7
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Arsenic									
	120	2000	2260	ug/L	107		SW846 6010B	03/25-03/27/05	G60L91DK
	120	2000	2310	ug/L	110	1.9	SW846 6010B	03/25-03/27/05	G60L91DL
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Cadmium									
	0.59	50.0	49.9	ug/L	99		SW846 6010B	03/25-03/27/05	G60L91C8
	0.59	50.0	51.0	ug/L	101	2.2	SW846 6010B	03/25-03/27/05	G60L91C9
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Cobalt									
	20	500	511	ug/L	98		SW846 6010B	03/25-03/27/05	G60L91DM
	20	500	520	ug/L	100	1.8	SW846 6010B	03/25-03/27/05	G60L91DN
			Dilution Factor: 1						
			Analysis Time..: 16:53						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	22	200	217	ug/L	98		SW846 6010B	03/25-03/27/05	G60L91DA
	22	200	222	ug/L	100	1.9	SW846 6010B	03/25-03/27/05	G60L91DC
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Copper									
	12	250	292	ug/L	112		SW846 6010B	03/25-03/27/05	G60L91DD
	12	250	298	ug/L	114	2.0	SW846 6010B	03/25-03/27/05	G60L91DE
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Nickel									
	94	500	589	ug/L	99		SW846 6010B	03/25-03/27/05	G60L91DF
	94	500	600	ug/L	101	1.9	SW846 6010B	03/25-03/27/05	G60L91DG
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Lead									
	ND	500	515	ug/L	103		SW846 6010B	03/25-03/27/05	G60L91DH
	ND	500	525	ug/L	105	2.0	SW846 6010B	03/25-03/27/05	G60L91DJ
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Antimony									
	5.7	500	558	ug/L	110		SW846 6010B	03/25-03/27/05	G60L91DP
	5.7	500	568	ug/L	112	1.7	SW846 6010B	03/25-03/27/05	G60L91DQ
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Selenium									
	ND	2000	2250	ug/L	112		SW846 6010B	03/25-03/27/05	G60L91DR
	ND	2000	2280	ug/L	114	1.5	SW846 6010B	03/25-03/27/05	G60L91DT
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Zinc									
	90	500	547	ug/L	91		SW846 6010B	03/25-03/28/05	G60L91C4
	90	500	556	ug/L	93	1.6	SW846 6010B	03/25-03/28/05	G60L91C5
			Dilution Factor: 1						
			Analysis Time..: 21:57						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	ND	50.0	50.5	ug/L	100		SW846 6010B	03/25-03/28/05	G60L91DU
	ND	50.0	51.6	ug/L	102	2.1	SW846 6010B	03/25-03/28/05	G60L91DV
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Boron									
	7300	1000	8250	ug/L			SW846 6010B	03/25-03/28/05	G60L91CP
			Qualifiers: NC,MSB						
	7300	1000	8380	ug/L			SW846 6010B	03/25-03/28/05	G60L91CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:57						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C240000-616 **Prep Batch #...:** 5083616						
Calcium	ND	200	ug/L	SW846 6010B	03/25-03/28/05	G61KL1AX
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Magnesium	ND	200	ug/L	SW846 6010B	03/25-03/28/05	G61KL1A1
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Sodium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KL1A2
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Potassium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KL1A0
		Dilution Factor: 1				
		Analysis Time..: 20:35				
Iron	ND	100	ug/L	SW846 6010B	03/25-03/27/05	G61KL1AJ
		Dilution Factor: 1				
		Analysis Time..: 17:10				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-616 **Prep Batch #...:** 5083616					
Calcium	100	(89 - 110)	SW846 6010B	03/25-03/28/05	G61KL1CP
		Dilution Factor: 1	Analysis Time..: 20:40		
Magnesium	99	(91 - 111)	SW846 6010B	03/25-03/28/05	G61KL1CR
		Dilution Factor: 1	Analysis Time..: 20:40		
Sodium	100	(91 - 112)	SW846 6010B	03/25-03/28/05	G61KL1CT
		Dilution Factor: 1	Analysis Time..: 20:40		
Potassium	99	(86 - 111)	SW846 6010B	03/25-03/28/05	G61KL1CQ
		Dilution Factor: 1	Analysis Time..: 20:40		
Iron	99	(88 - 110)	SW846 6010B	03/25-03/27/05	G61KL1CA
		Dilution Factor: 1	Analysis Time..: 17:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-616 **Prep Batch #...:** 5083616							
Calcium	50000	49800	ug/L	100	SW846 6010B	03/25-03/28/05	G61KL1CP
			Dilution Factor: 1		Analysis Time..: 20:40		
Magnesium	50000	49500	ug/L	99	SW846 6010B	03/25-03/28/05	G61KL1CR
			Dilution Factor: 1		Analysis Time..: 20:40		
Sodium	50000	50100	ug/L	100	SW846 6010B	03/25-03/28/05	G61KL1CT
			Dilution Factor: 1		Analysis Time..: 20:40		
Potassium	50000	49700	ug/L	99	SW846 6010B	03/25-03/28/05	G61KL1CQ
			Dilution Factor: 1		Analysis Time..: 20:40		
Iron	1000	992	ug/L	99	SW846 6010B	03/25-03/27/05	G61KL1CA
			Dilution Factor: 1		Analysis Time..: 17:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/23/05 15:25 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240418-001 **Prep Batch #...:** 5083616							
Calcium	NC,MSB	(48 - 153)			SW846 6010B	03/25-03/28/05	G61EQ1C7
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	03/25-03/28/05	G61EQ1C8
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Magnesium	102	(62 - 146)			SW846 6010B	03/25-03/28/05	G61EQ1DA
	102	(62 - 146)	0.59	(0-25)	SW846 6010B	03/25-03/28/05	G61EQ1DC
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Sodium	101	(70 - 203)			SW846 6010B	03/25-03/28/05	G61EQ1DE
	102	(70 - 203)	0.19	(0-40)	SW846 6010B	03/25-03/28/05	G61EQ1DF
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Potassium	104	(76 - 132)			SW846 6010B	03/25-03/28/05	G61EQ1DH
	104	(76 - 132)	0.32	(0-25)	SW846 6010B	03/25-03/28/05	G61EQ1DJ
		Dilution Factor: 1					
		Analysis Time..: 20:55					
Iron	96	(52 - 155)			SW846 6010B	03/25-03/27/05	G61EQ1CN
	97	(52 - 155)	1.2	(0-25)	SW846 6010B	03/25-03/27/05	G61EQ1CP
		Dilution Factor: 1					
		Analysis Time..: 17:49					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Matrix.....: WATER

Client Lot #...: D5C230191
Date Sampled...: 03/23/05 15:25 Date Received..: 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240418-001 Prep Batch #...: 5083616									
Calcium									
	240000	50000	292000	ug/L			SW846 6010B	03/25-03/28/05	G61EQ1C7
			Qualifiers: NC,MSB						
	240000	50000	294000	ug/L			SW846 6010B	03/25-03/28/05	G61EQ1C8
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Magnesium									
	35	50000	51200	ug/L	102		SW846 6010B	03/25-03/28/05	G61EQ1DA
	35	50000	50900	ug/L	102	0.59	SW846 6010B	03/25-03/28/05	G61EQ1DC
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Sodium									
	120000	50000	174000	ug/L	101		SW846 6010B	03/25-03/28/05	G61EQ1DE
	120000	50000	174000	ug/L	102	0.19	SW846 6010B	03/25-03/28/05	G61EQ1DF
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Potassium									
	33000	50000	85400	ug/L	104		SW846 6010B	03/25-03/28/05	G61EQ1DH
	33000	50000	85100	ug/L	104	0.32	SW846 6010B	03/25-03/28/05	G61EQ1DJ
			Dilution Factor: 1						
			Analysis Time..: 20:55						
Iron									
	ND	1000	983	ug/L	96		SW846 6010B	03/25-03/27/05	G61EQ1CN
	ND	1000	995	ug/L	97	1.2	SW846 6010B	03/25-03/27/05	G61EQ1CP
			Dilution Factor: 1						
			Analysis Time..: 17:49						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		Work Order #: G66221AA		MB Lot-Sample #:	D5C230000-412	
	ND	2.0	mg/L	MCAWW 405.1	03/23/05	5082412
		Dilution Factor: 1				
		Analysis Time..: 07:25				
Chemical Oxygen Demand (COD)		Work Order #: G7GWC1AA		MB Lot-Sample #:	D5D010000-235	
	ND	8.0	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Chloride		Work Order #: G603Q1AA		MB Lot-Sample #:	D5C240000-230	
	ND	3.0	mg/L	MCAWW 300.0A	03/23/05	5083230
		Dilution Factor: 1				
		Analysis Time..: 15:33				
Fluoride		Work Order #: G603G1AA		MB Lot-Sample #:	D5C240000-232	
	ND	1.0	mg/L	MCAWW 300.0A	03/23/05	5083232
		Dilution Factor: 1				
		Analysis Time..: 15:33				
Nitrate		Work Order #: G60381AA		MB Lot-Sample #:	D5C240000-228	
	ND	0.50	mg/L	MCAWW 300.0A	03/23/05	5083228
		Dilution Factor: 1				
		Analysis Time..: 15:33				
Specific Conductance		Work Order #: G60WR1AA		MB Lot-Sample #:	D5C240000-475	
	ND	2.0	umhos/cm	MCAWW 120.1	03/24/05	5083475
		Dilution Factor: 1				
		Analysis Time..: 12:30				
Sulfate		Work Order #: G604W1AA		MB Lot-Sample #:	D5C240000-231	
	ND	5.0	mg/L	MCAWW 300.0A	03/23/05	5083231
		Dilution Factor: 1				
		Analysis Time..: 15:33				
Total Alkalinity		Work Order #: G69CR1AA		MB Lot-Sample #:	D5C290000-457	
	ND	5.0	mg/L	MCAWW 310.1	03/28/05	5088457
		Dilution Factor: 1				
		Analysis Time..: 21:49				
Total Cyanide		Work Order #: G681W1AA		MB Lot-Sample #:	D5C290000-480	
	ND	0.010	mg/L	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				
		Analysis Time..: 14:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: G665W1AA		MB Lot-Sample #:	D5C280000-559	
	7.0 B	**10**	**mg/L**	**MCAWW 160.1**	**03/28/05**	**5087559**
		Dilution Factor: 1				
		Analysis Time..: 13:20				
Total Organic Halogens		Work Order #: G65W91AA		MB Lot-Sample #:	D5C280000-185	
	ND	30	ug/L	SW846 9020B	03/25/05	5087185
		Dilution Factor: 1				
		Analysis Time..: 13:00				
Total Organic Carbon		Work Order #: G7DRQ1AA		MB Lot-Sample #:	D5C310000-120	
	0.35 B	**1.0**	**mg/L**	**MCAWW 415.1**	**03/30/05**	**5090120**
		Dilution Factor: 1				
		Analysis Time..: 10:00				
Total Sulfide		Work Order #: G7CXA1AA		MB Lot-Sample #:	D5C300000-371	
	0.80 B	**4.0**	**mg/L**	**SW846 9030B/9034**	**03/29/05**	**5089371**
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C230191 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G66221AC-LCS/G66221AD-LCSD				LCS Lot-Sample#: D5C230000-412	
	103	(85 - 115)			MCAWW 405.1	03/23/05	5082412
	93	(85 - 115)	10	(0-20)	MCAWW 405.1	03/23/05	5082412
		Dilution Factor: 1			Analysis Time..: 07:25		
Chemical Oxygen Demand (COD)		WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD				LCS Lot-Sample#: D5D010000-235	
	109	(85 - 115)			MCAWW 410.4	03/31/05	5091235
	110	(85 - 115)	0.31	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1			Analysis Time..: 15:00		
Chloride		WO#:G603Q1AC-LCS/G603Q1AD-LCSD				LCS Lot-Sample#: D5C240000-230	
	93	(90 - 110)			MCAWW 300.0A	03/23/05	5083230
	92	(90 - 110)	0.37	(0-10)	MCAWW 300.0A	03/23/05	5083230
		Dilution Factor: 1			Analysis Time..: 15:09		
Fluoride		WO#:G603G1AC-LCS/G603G1AD-LCSD				LCS Lot-Sample#: D5C240000-232	
	96	(90 - 110)			MCAWW 300.0A	03/23/05	5083232
	96	(90 - 110)	0.26	(0-10)	MCAWW 300.0A	03/23/05	5083232
		Dilution Factor: 1			Analysis Time..: 15:09		
Nitrate		WO#:G60381AC-LCS/G60381AD-LCSD				LCS Lot-Sample#: D5C240000-228	
	91	(90 - 110)			MCAWW 300.0A	03/23/05	5083228
	90	(90 - 110)	0.82	(0-10)	MCAWW 300.0A	03/23/05	5083228
		Dilution Factor: 1			Analysis Time..: 15:09		
Specific Conductance		WO#:G60WR1AC-LCS/G60WR1AD-LCSD				LCS Lot-Sample#: D5C240000-475	
	98	(89 - 109)			MCAWW 120.1	03/24/05	5083475
	99	(89 - 109)	0.50	(0-7.0)	MCAWW 120.1	03/24/05	5083475
		Dilution Factor: 1			Analysis Time..: 12:30		
Sulfate		WO#:G604W1AC-LCS/G604W1AD-LCSD				LCS Lot-Sample#: D5C240000-231	
	92	(90 - 110)			MCAWW 300.0A	03/23/05	5083231
	91	(90 - 110)	0.49	(0-10)	MCAWW 300.0A	03/23/05	5083231
		Dilution Factor: 1			Analysis Time..: 15:09		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C230191 Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G69CR1AC-LCS/G69CR1AD-LCSD				LCS Lot-Sample#: D5C290000-457	
	101	(95 - 110)			MCAWW 310.1	03/28/05	5088457
	100	(95 - 110)	0.60	(0-10)	MCAWW 310.1	03/28/05	5088457
		Dilution Factor: 1			Analysis Time..: 21:49		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD				LCS Lot-Sample#: D5C290000-480	
	100	(89 - 109)			SW846 9012A	03/29/05	5088480
	104	(89 - 109)	3.9	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1			Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G665W1AC-LCS/G665W1AD-LCSD				LCS Lot-Sample#: D5C280000-559	
	99	(86 - 106)			MCAWW 160.1	03/28/05	5087559
	96	(86 - 106)	3.1	(0-20)	MCAWW 160.1	03/28/05	5087559
		Dilution Factor: 1			Analysis Time..: 13:20		
Total Organic Carbon		WO#:G7DRQ1AC-LCS/G7DRQ1AD-LCSD				LCS Lot-Sample#: D5C310000-120	
	103	(89 - 113)			MCAWW 415.1	03/30/05	5090120
	104	(89 - 113)	1.0	(0-10)	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1			Analysis Time..: 10:00		
Total Sulfide		WO#:G7CXA1AC-LCS/G7CXA1AD-LCSD				LCS Lot-Sample#: D5C300000-371	
	93	(70 - 130)			SW846 9030B/9034	03/29/05	5089371
	97	(70 - 130)	4.8	(0-20)	SW846 9030B/9034	03/29/05	5089371
		Dilution Factor: 1			Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C230191 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)		WO#:G66221AC-LCS/G66221AD-LCSD				LCS Lot-Sample#: D5C230000-412		
	198	204	mg/L	103		MCAWW 405.1	03/23/05	5082412
	198	184	mg/L	93	10	MCAWW 405.1	03/23/05	5082412
		Dilution Factor: 1				Analysis Time..: 07:25		
Chemical Oxygen Demand (COD)		WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD				LCS Lot-Sample#: D5D010000-235		
	100	109	mg/L	109		MCAWW 410.4	03/31/05	5091235
	100	110	mg/L	110	0.31	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1				Analysis Time..: 15:00		
Chloride		WO#:G603Q1AC-LCS/G603Q1AD-LCSD				LCS Lot-Sample#: D5C240000-230		
	20.0	18.6	mg/L	93		MCAWW 300.0A	03/23/05	5083230
	20.0	18.5	mg/L	92	0.37	MCAWW 300.0A	03/23/05	5083230
		Dilution Factor: 1				Analysis Time..: 15:09		
Fluoride		WO#:G603G1AC-LCS/G603G1AD-LCSD				LCS Lot-Sample#: D5C240000-232		
	4.00	3.83	mg/L	96		MCAWW 300.0A	03/23/05	5083232
	4.00	3.82	mg/L	96	0.26	MCAWW 300.0A	03/23/05	5083232
		Dilution Factor: 1				Analysis Time..: 15:09		
Nitrate		WO#:G60381AC-LCS/G60381AD-LCSD				LCS Lot-Sample#: D5C240000-228		
	4.00	3.64	mg/L	91		MCAWW 300.0A	03/23/05	5083228
	4.00	3.61	mg/L	90	0.82	MCAWW 300.0A	03/23/05	5083228
		Dilution Factor: 1				Analysis Time..: 15:09		
Specific Conductance		WO#:G60WR1AC-LCS/G60WR1AD-LCSD				LCS Lot-Sample#: D5C240000-475		
	1410	1380	umhos/cm	98		MCAWW 120.1	03/24/05	5083475
	1410	1390	umhos/cm	99	0.50	MCAWW 120.1	03/24/05	5083475
		Dilution Factor: 1				Analysis Time..: 12:30		
Sulfate		WO#:G604W1AC-LCS/G604W1AD-LCSD				LCS Lot-Sample#: D5C240000-231		
	20.0	18.4	mg/L	92		MCAWW 300.0A	03/23/05	5083231
	20.0	18.3	mg/L	91	0.49	MCAWW 300.0A	03/23/05	5083231
		Dilution Factor: 1				Analysis Time..: 15:09		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C230191 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G69CR1AC-LCS/G69CR1AD-LCSD				LCS Lot-Sample#: D5C290000-457		
	200	201	mg/L	101		MCAWW 310.1	03/28/05	5088457
	200	200	mg/L	100	0.60	MCAWW 310.1	03/28/05	5088457
		Dilution Factor: 1				Analysis Time..: 21:49		
Total Cyanide		WO#:G681W1AC-LCS/G681W1AD-LCSD				LCS Lot-Sample#: D5C290000-480		
	0.100	0.100	mg/L	100		SW846 9012A	03/29/05	5088480
	0.100	0.104	mg/L	104	3.9	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1				Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G665W1AC-LCS/G665W1AD-LCSD				LCS Lot-Sample#: D5C280000-559		
	500	497	mg/L	99		MCAWW 160.1	03/28/05	5087559
	500	482	mg/L	96	3.1	MCAWW 160.1	03/28/05	5087559
		Dilution Factor: 1				Analysis Time..: 13:20		
Total Organic Carbon		WO#:G7DRQ1AC-LCS/G7DRQ1AD-LCSD				LCS Lot-Sample#: D5C310000-120		
	25.0	25.8	mg/L	103		MCAWW 415.1	03/30/05	5090120
	25.0	26.1	mg/L	104	1.0	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1				Analysis Time..: 10:00		
Total Sulfide		WO#:G7CXA1AC-LCS/G7CXA1AD-LCSD				LCS Lot-Sample#: D5C300000-371		
	24.3	22.6	mg/L	93		SW846 9030B/9034	03/29/05	5089371
	24.3	23.7	mg/L	97	4.8	SW846 9030B/9034	03/29/05	5089371
		Dilution Factor: 1				Analysis Time..: 12:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C230191

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Work Order #: G65W91AC LCS Lot-Sample#: D5C280000-185					
Total Organic Halogens	110	(75 - 113)	SW846 9020B	03/25/05	5087185
		Dilution Factor: 1	Analysis Time..: 13:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C230191 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Halogens			Work Order #: G65W91AC		LCS Lot-Sample#: D5C280000-185		
	100	110	ug/L	110	SW846 9020B	03/25/05	5087185
			Dilution Factor: 1		Analysis Time..: 13:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002	
	114 N	(74 - 109)			MCAWW 410.4	03/31/05	5091235
	111 N	(74 - 109)	2.8	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1					
		Analysis Time..: 15:00					
Chloride		WO#: G6TGM1CR-MS/G6TGM1CT-MSD				MS Lot-Sample #: D5C230191-002	
	119 I	(80 - 120)			MCAWW 300.0A	03/23/05	5083230
	118 I	(80 - 120)	0.20	(0-20)	MCAWW 300.0A	03/23/05	5083230
		Dilution Factor: 1					
		Analysis Time..: 16:59					
Fluoride		WO#: G6TGM1CP-MS/G6TGM1CQ-MSD				MS Lot-Sample #: D5C230191-002	
	112	(80 - 120)			MCAWW 300.0A	03/23/05	5083232
	111	(80 - 120)	0.83	(0-20)	MCAWW 300.0A	03/23/05	5083232
		Dilution Factor: 1					
		Analysis Time..: 16:59					
Nitrate		WO#: G6Q9T1AF-MS/G6Q9T1AG-MSD				MS Lot-Sample #: D5C220339-004	
	106	(80 - 120)			MCAWW 300.0A	03/23/05	5083228
	107	(80 - 120)	1.3	(0-20)	MCAWW 300.0A	03/23/05	5083228
		Dilution Factor: 1					
		Analysis Time..: 16:22					
Nitrate		WO#: G6TGM1CU-MS/G6TGM1CV-MSD				MS Lot-Sample #: D5C230191-002	
	104	(80 - 120)			MCAWW 300.0A	03/23/05	5083228
	104	(80 - 120)	0.19	(0-20)	MCAWW 300.0A	03/23/05	5083228
		Dilution Factor: 1					
		Analysis Time..: 16:59					
Sulfate		WO#: G6TGM1CW-MS/G6TGM1CX-MSD				MS Lot-Sample #: D5C230191-002	
	110	(80 - 120)			MCAWW 300.0A	03/23/05	5083231
	110	(80 - 120)	0.32	(0-20)	MCAWW 300.0A	03/23/05	5083231
		Dilution Factor: 1					
		Analysis Time..: 17:59					
Total Cyanide		WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001	
	97	(78 - 120)			SW846 9012A	03/29/05	5088480
	98	(78 - 120)	1.3	(0-20)	SW846 9012A	03/29/05	5088480
		Dilution Factor: 1					
		Analysis Time..: 14:00					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Halogens			WO#: G6TGM1C0-MS/G6TGM1C1-MSD			MS Lot-Sample #: D5C230191-002	
	146 N	(75 - 113)			SW846 9020B	03/25/05	5087185
	152 N	(75 - 113)	4.2	(0-30)	SW846 9020B	03/25/05	5087185
		Dilution Factor: 1					
		Analysis Time..: 13:00					
Total Organic Carbon			WO#: G6TJN1CF-MS/G6TJN1CG-MSD			MS Lot-Sample #: D5C230197-006	
	110	(73 - 124)			MCAWW 415.1	03/30/05	5090121
	110	(73 - 124)	0.42	(0-10)	MCAWW 415.1	03/30/05	5090121
		Dilution Factor: 1					
		Analysis Time..: 10:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002		
	4.9	50.0	62.0 N	mg/L	114		MCAWW 410.4	03/31/05	5091235
	4.9	50.0	60.3 N	mg/L	111	2.8	MCAWW 410.4	03/31/05	5091235
			Dilution Factor: 1						
			Analysis Time..: 15:00						
Chloride			WO#: G6TGM1CR-MS/G6TGM1CT-MSD				MS Lot-Sample #: D5C230191-002		
	39	25.0	69.2 I	mg/L	119		MCAWW 300.0A	03/23/05	5083230
	39	25.0	69.0 I	mg/L	118	0.20	MCAWW 300.0A	03/23/05	5083230
			Dilution Factor: 1						
			Analysis Time..: 16:59						
Fluoride			WO#: G6TGM1CP-MS/G6TGM1CQ-MSD				MS Lot-Sample #: D5C230191-002		
	0.43	5.00	6.02	mg/L	112		MCAWW 300.0A	03/23/05	5083232
	0.43	5.00	5.97	mg/L	111	0.83	MCAWW 300.0A	03/23/05	5083232
			Dilution Factor: 1						
			Analysis Time..: 16:59						
Nitrate			WO#: G6Q9T1AF-MS/G6Q9T1AG-MSD				MS Lot-Sample #: D5C220339-004		
	ND	5.00	5.30	mg/L	106		MCAWW 300.0A	03/23/05	5083228
	ND	5.00	5.37	mg/L	107	1.3	MCAWW 300.0A	03/23/05	5083228
			Dilution Factor: 1						
			Analysis Time..: 16:22						
Nitrate			WO#: G6TGM1CU-MS/G6TGM1CV-MSD				MS Lot-Sample #: D5C230191-002		
	ND	5.00	5.18	mg/L	104		MCAWW 300.0A	03/23/05	5083228
	ND	5.00	5.19	mg/L	104	0.19	MCAWW 300.0A	03/23/05	5083228
			Dilution Factor: 1						
			Analysis Time..: 16:59						
Sulfate			WO#: G6TGM1CW-MS/G6TGM1CX-MSD				MS Lot-Sample #: D5C230191-002		
	50	125	187	mg/L	110		MCAWW 300.0A	03/23/05	5083231
	50	125	188	mg/L	110	0.32	MCAWW 300.0A	03/23/05	5083231
			Dilution Factor: 1						
			Analysis Time..: 17:59						
Total Cyanide			WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001		
	ND	0.100	0.0997	mg/L	97		SW846 9012A	03/29/05	5088480
	ND	0.100	0.101	mg/L	98	1.3	SW846 9012A	03/29/05	5088480
			Dilution Factor: 1						
			Analysis Time..: 14:00						

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C230191 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Halogens			WO#: G6TGM1C0-MS/G6TGM1C1-MSD				MS Lot-Sample #: D5C230191-002		
	9.1	100	155 N	ug/L	146		SW846 9020B	03/25/05	5087185
	9.1	100	161 N	ug/L	152	4.2	SW846 9020B	03/25/05	5087185
			Dilution Factor: 1						
			Analysis Time..: 13:00						
Total Organic Carbon			WO#: G6TJN1CF-MS/G6TJN1CG-MSD				MS Lot-Sample #: D5C230197-006		
	0.79	25.0	28.3	mg/L	110		MCAWW 415.1	03/30/05	5090121
	0.79	25.0	28.2	mg/L	110	0.42	MCAWW 415.1	03/30/05	5090121
			Dilution Factor: 1						
			Analysis Time..: 10:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C230191 **Work Order #...:** G6QMQ-SMP G6QMQ-DUP **Matrix.....:** WATER

Date Sampled...: 03/17/05 14:00 **Date Received..:** 03/22/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #: D5C220259-006		
Biochemical Oxygen Demand (BOD)	48	42	mg/L	14	(0-20)	MCAWW 405.1	03/23/05	5082413

Dilution Factor: 1 Analysis Time..: 07:25

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C230191 **Work Order #...:** G6TCW-SMP G6TCW-DUP **Matrix.....:** WATER

Date Sampled...: 03/22/05 08:10 **Date Received..:** 03/23/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Conductance						SD Lot-Sample #:	D5C230183-001	
	95000	93000	umhos/cm	1.8	(0-7.0)	MCAWW 120.1	03/24/05	5083475

Dilution Factor: 1 Analysis Time..: 12:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C230191 **Work Order #...:** G60N5-SMP G60N5-DUP **Matrix.....:** WATER

Date Sampled...: 03/23/05 08:00 **Date Received..:** 03/24/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D5C240344-002	
	400 J	390	mg/L	2.0	(0-20)	MCAWW 160.1	03/28/05	5087559

Dilution Factor: 1 Analysis Time..: 13:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C230191 **Work Order #...:** G6P1Q-SMP G6P1Q-DUP **Matrix.....:** WATER

Date Sampled...: 03/21/05 11:20 **Date Received..:** 03/22/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D5C220188-001	
	160	150	mg/L	0.65	(0-10)	MCAWW 310.1	03/28/05	5088457

Dilution Factor: 1 Analysis Time..: 21:49

[redacted]

Chain of Custody Record

3.1, 2.7
BD 3.23.05

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client: SCS ENGINEERS	Project Manager: TINA S.	Date: 3/22/05	Chain of Custody Number: 301635
Address: 3900 KILROY AIRPORT WAY #100	Telephone Number (Area Code)/Fax Number: (800) 326-9544	Lab Number	Page 1 of 1
City: LONG BEACH State: CA Zip Code: 90806	Site Contact	Lab Contact: Betsy F	
Project Name and Location (State): Bradley	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 234 25662-C			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	General Chemistry (Metals) Dissolved	TOX	COD/TOC	Volatiles	BOD 405.1	Metals Total	Semivol Organics	Cyanide 9010	Total Sulfide	Special Instructions/ Conditions of Receipt
TRIP BLANK	3/22/05	0730		X						1						X						
4926 C	3/22/05	0800		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	
4916 G	3/22/05	1000		X							1	1								X	X	
4916 D	3/22/05	1445		X			5	2	2	3	1	1	X	X	X	X	X	X	X	X	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify)

1. Relinquished By: Mark Quen	Date: 3/22/05	Time: 1600	1. Received By: John Brinker	Date: 3/23/05	Time: 0900
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: 82

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 4926C (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC230191-002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
032205	0800	200		20	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 901.21 (ft/msl)

Depth to Water (DTW) (from TOC): 249.10 (ft)

Groundwater Elevation (site datum, from TOC): 652.11 (ft/msl)

Total Well Depth (from TOC): 280.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.5 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:30	0.5 1st	6.65 1st	.925	22.6	4.61	2.0	265	
09:00	1.0 2nd	6.98 2nd	.759	24.6	2.94	3.2	208	
09:15	1.5 3rd	7.14 3rd	.775	24.2	2.30	0.5	235	
09:30	2.0 4th	7.14 4th	.776	24.1	2.30	0.6	244	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
032205	7.14	.776	24.1	2.3	0.60	244	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/22/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM Rev 3/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 4916 D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: DSC230191-004

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
03 22 05	1445	40		15000	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: A — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: A

X-Other:

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 891.07 (ft/msl)

Depth to Water (DTW) (from TOC): (ft)

Groundwater Elevation (site datum, from TOC): (ft/msl)

Total Well Depth (from TOC): 325.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 8.0 (in)

Casing Material: Steel

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpd		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1455	500	1st	7.40	1st	.001		17.8	1063	4.2	384	
1500	1000	2nd	7.38	2nd	.001		17.7	488	3.1	365	
1515	1500	3rd	8.60	3rd	.002		17.7	307	3.0	325	
		4th		4th							
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 22 05	8.60	.002	17.7	307	3.0	325	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other: (RAIN)

Weather Conditions (required daily, or as conditions change): Direction/Speed: D-5 Outlook: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03 22 05	MARCO QUEN	Marco Quen	SCS Engineers

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Bradley

Site No.:

Sample Point: 4916G (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: canceled DSC230191

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
032205	1000	2:50		15	

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 90055 (ft/msl)

Depth to Water (DTW) (from TOC): 25200 (ft)

Groundwater Elevation (site datum, from TOC): 648.55 (ft/msl)

Total Well Depth (from TOC): 36300 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 4.0 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gal	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1050	0.5 1st	6.42 1st	.645	25.4	0.35	.04	363	
1103	1.0 2nd	6.50 2nd	.647	25.3	2.17	.04	337	
1115	1.5 3rd	6.61 3rd	.647	25.0	2.10	.04	281	
	4th		4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
032205	6.61	.647	25.0	2.10	.04		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: CLEAR Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 Outlook: GOOD Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
03/22/05	MARCO QUEN	Marco Quen	SCS ENGINEERS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM Rev 12/00

APPENDIX E

Leachate Analytical Laboratory Results and Chain-of-Custody Records

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C240339

Sumps

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

April 7, 2005

Table Of Contents

Standard Deliverables

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- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for three samples received at STL's Denver laboratory on March 24, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C240339

Sample Receiving

- The cooler temperatures upon receipt at the Denver laboratory were 3.4°C and 2.9°C.
- All vials contained approximately 10-15 mm of headspace for the samples SUMP "B", SUMP "D", and SUMP "F". The client was notified.
- All other sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Method Blanks

- Total Dissolved Solids (TDS) Method 160.1 was detected in the Method Blank at a level below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.
- All other Method Blanks were within established control limits.

Laboratory Control Samples

- All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- Sample SUMP "B" was selected to fulfill the laboratory batch quality control requirements for Method 7470A. Analysis of the laboratory generated MS/MSD for this sample provided MS and MSD recoveries of Total Mercury below the lower control limit indicating the possible presence of a matrix interference.

- The percent recoveries of the MS/MSD and/or the relative percent difference were not calculated for Total Boron, Total Manganese, Total Sodium, Total Calcium, Total Magnesium, and Total Iron during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

- The method required MS/MSD could not be performed for Method 1664A HEM due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- The method required MS/MSD could not be performed for Total Organic Halogens (TOX) Method 9020B due to an analyst error, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- The Matrix Spike and Matrix Spike Duplicate performed on unrelated samples exhibited MS and/or MSD recoveries outside control limits for Chemical Oxygen Demand (COD) Method 410.4, Total Organic Carbon (TOC) Method 415.1, and Total Sulfide Method 376.2. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

- All other MS and MSD samples were within established control limits.

Organics

- The Method 8260B reporting limits for the samples SUMP "B", SUMP "D", and SUMP "F" are elevated due to high levels of target analytes.

- During the Method 8270C extraction process, samples SUMP "B", SUMP "D", and SUMP "F" required an additional 1.5 mL of acid to adjust the pH values to 2.

EXECUTIVE SUMMARY - Detection Highlights

D5C240339

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUMP "B" 03/23/05 11:30 001				
Silver	1.8 B	10	ug/L	SW846 6010B
Cadmium	0.59 B	5.0	ug/L	SW846 6010B
Arsenic	120	10	ug/L	SW846 6010B
Cobalt	20	10	ug/L	SW846 6010B
Antimony	5.7 B	10	ug/L	SW846 6010B
Boron	7300	100	ug/L	SW846 6010B
Manganese	2400	10	ug/L	SW846 6010B
Sodium	840000	5000	ug/L	SW846 6010B
Calcium	430000	200	ug/L	SW846 6010B
Magnesium	210000	200	ug/L	SW846 6010B
Iron	15000	100	ug/L	SW846 6010B
Zinc	90	20	ug/L	SW846 6010B
Chromium	22	10	ug/L	SW846 6010B
Copper	12	10	ug/L	SW846 6010B
Nickel	94	40	ug/L	SW846 6010B
Barium	2700	100	ug/L	SW846 6010B
Potassium	140000	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	7.5 J	10	ug/L	SW846 8270C
2-Methylphenol	2.4 J	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	25	10	ug/L	SW846 8270C
Naphthalene	6.4 J	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	13 J	200	ug/L	SW846 8260B
cis-1,2-Dichloroethene	4.7 J	200	ug/L	SW846 8260B
Ethylbenzene	13 J	100	ug/L	SW846 8260B
Methylene chloride	9.3 J	100	ug/L	SW846 8260B
Toluene	12 J	20	ug/L	SW846 8260B
Xylenes (total)	26 J	200	ug/L	SW846 8260B
Specific Conductance	7900	2.0	umhos/cm	MCAWW 120.1
Hardness, as CaCO3	1300 Q	25	mg/L	MCAWW 130.2
Total Dissolved Solids	4800 J	10	mg/L	MCAWW 160.1
Chloride	1600 Q	300	mg/L	MCAWW 300.0A
Sulfate	5.0 B,G	25	mg/L	MCAWW 300.0A
Fluoride	0.68 B,G	5.0	mg/L	MCAWW 300.0A
Total Organic Carbon	400 Q	15	mg/L	MCAWW 415.1
Total Organic Carbon	410 Q	15	mg/L	MCAWW 415.1
HEM (Oil and Grease)	43	5.0	mg/L	CFR136A 1664A HEM
Total Organic Halogens	1900 Q	600	ug/L	SW846 9020B
Total Organic Halogens	1800 Q	600	ug/L	SW846 9020B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C240339

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUMP "B" 03/23/05 11:30 001				
Total Organic Halogens	2000 Q	600	ug/L	SW846 9020B
Total Organic Halogens	1900 Q	600	ug/L	SW846 9020B
Total Sulfide	0.018 B	0.050	mg/L	MCAWW 376.2
Bicarbonate, as CaCO3	1600	5.0	mg/L	MCAWW 310.1
Total Alkalinity	1600	5.0	mg/L	MCAWW 310.1
Total Cyanide	0.0089 B	0.010	mg/L	MCAWW 335.3
Chemical Oxygen Demand (COD)	1300 Q	80	mg/L	MCAWW 410.4
SUMP "D" 03/23/05 12:30 002				
Silver	0.41 B	10	ug/L	SW846 6010B
Cadmium	1.1 B	5.0	ug/L	SW846 6010B
Lead	7.2	3.0	ug/L	SW846 6010B
Arsenic	100	10	ug/L	SW846 6010B
Cobalt	17	10	ug/L	SW846 6010B
Antimony	18	10	ug/L	SW846 6010B
Boron	4200	100	ug/L	SW846 6010B
Manganese	2000	10	ug/L	SW846 6010B
Sodium	670000	5000	ug/L	SW846 6010B
Calcium	300000	200	ug/L	SW846 6010B
Magnesium	130000	200	ug/L	SW846 6010B
Iron	21000	100	ug/L	SW846 6010B
Zinc	800	20	ug/L	SW846 6010B
Chromium	28	10	ug/L	SW846 6010B
Copper	450	10	ug/L	SW846 6010B
Nickel	87	40	ug/L	SW846 6010B
Barium	1300	100	ug/L	SW846 6010B
Potassium	150000	5000	ug/L	SW846 6010B
Acetophenone	43	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	21	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	9.8 J	10	ug/L	SW846 8270C
Naphthalene	4.3 J	10	ug/L	SW846 8270C
Phenol	14	10	ug/L	SW846 8270C
Acetone	42 J	340	ug/L	SW846 8260B
Benzene	5.0 J	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	7.1 J	100	ug/L	SW846 8260B
cis-1,2-Dichloroethene	5.1 J	100	ug/L	SW846 8260B
Ethylbenzene	9.4 J	50	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C240339

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUMP "D" 03/23/05 12:30 002				
2-Hexanone	330	50	ug/L	SW846 8260B
Methylene chloride	4.9 J	50	ug/L	SW846 8260B
Styrene	68	50	ug/L	SW846 8260B
Toluene	9.5 J	10	ug/L	SW846 8260B
Xylenes (total)	21 J	100	ug/L	SW846 8260B
Specific Conductance	6700	2.0	umhos/cm	MCAWW 120.1
Hardness, as CaCO3	970 Q	25	mg/L	MCAWW 130.2
Total Dissolved Solids	3800 J	10	mg/L	MCAWW 160.1
Chloride	1100 Q	150	mg/L	MCAWW 300.0A
Sulfate	6.7 B,G	25	mg/L	MCAWW 300.0A
Fluoride	0.77 B,G	5.0	mg/L	MCAWW 300.0A
Total Organic Carbon	520 Q	11	mg/L	MCAWW 415.1
Total Organic Carbon	510 Q	11	mg/L	MCAWW 415.1
HEM (Oil and Grease)	23	5.0	mg/L	CFR136A 1664A HEM
Total Organic Halogens	1700 Q	1200	ug/L	SW846 9020B
Total Organic Halogens	1900 Q	1200	ug/L	SW846 9020B
Total Organic Halogens	1900 Q	1200	ug/L	SW846 9020B
Total Organic Halogens	1900 Q	1200	ug/L	SW846 9020B
Total Sulfide	0.0030 B	0.050	mg/L	MCAWW 376.2
Bicarbonate, as CaCO3	1700	5.0	mg/L	MCAWW 310.1
Total Alkalinity	1700	5.0	mg/L	MCAWW 310.1
Chemical Oxygen Demand (COD)	1400 Q	80	mg/L	MCAWW 410.4
SUMP "F" 03/23/05 13:30 003				
Arsenic	12	10	ug/L	SW846 6010B
Cobalt	9.5 B	10	ug/L	SW846 6010B
Boron	3400	100	ug/L	SW846 6010B
Manganese	3400	10	ug/L	SW846 6010B
Sodium	570000	5000	ug/L	SW846 6010B
Calcium	520000	200	ug/L	SW846 6010B
Magnesium	190000	200	ug/L	SW846 6010B
Iron	13000	100	ug/L	SW846 6010B
Zinc	11 B	20	ug/L	SW846 6010B
Chromium	17	10	ug/L	SW846 6010B
Copper	3.2 B	10	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C240339

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUMP "F" 03/23/05 13:30 003				
Nickel	40	40	ug/L	SW846 6010B
Barium	1300	100	ug/L	SW846 6010B
Potassium	68000	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	21	10	ug/L	SW846 8270C
2,4-Dimethylphenol	1.9 J	10	ug/L	SW846 8270C
2-Methylnaphthalene	2.2 J	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	4.3 J	10	ug/L	SW846 8270C
Naphthalene	9.1 J	10	ug/L	SW846 8270C
Benzene	7.3 J	10	ug/L	SW846 8260B
Chlorobenzene	2.1 J	50	ug/L	SW846 8260B
1,4-Dichlorobenzene	25 J	100	ug/L	SW846 8260B
1,1-Dichloroethane	2.8 J	50	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.8 J	100	ug/L	SW846 8260B
Ethylbenzene	42 J	50	ug/L	SW846 8260B
Methylene chloride	6.4 J	50	ug/L	SW846 8260B
Styrene	5.8 J	50	ug/L	SW846 8260B
Toluene	12	10	ug/L	SW846 8260B
Vinyl chloride	6.8 J	10	ug/L	SW846 8260B
Xylenes (total)	58 J	100	ug/L	SW846 8260B
Specific Conductance	6000	2.0	umhos/cm	MCAWW 120.1
Hardness, as CaCO3	1500 Q	25	mg/L	MCAWW 130.2
Total Dissolved Solids	3800 J	10	mg/L	MCAWW 160.1
Chloride	1000 Q	150	mg/L	MCAWW 300.0A
Sulfate	11 B,G	25	mg/L	MCAWW 300.0A
Fluoride	0.87 B,G	5.0	mg/L	MCAWW 300.0A
Total Organic Carbon	230 Q	5.0	mg/L	MCAWW 415.1
Total Organic Carbon	230 Q	5.0	mg/L	MCAWW 415.1
Free Cyanide (4500-CN-I)	0.0028 B	0.010	mg/L	SM18 4500-CN-I
HEM (Oil and Grease)	5.1	5.0	mg/L	CFR136A 1664A HEM
Total Organic Halogens	840 Q	600	ug/L	SW846 9020B
Total Organic Halogens	770 Q	600	ug/L	SW846 9020B
Total Organic Halogens	770 Q	600	ug/L	SW846 9020B
Total Organic Halogens	1400 Q	600	ug/L	SW846 9020B
Bicarbonate, as CaCO3	1800	5.0	mg/L	MCAWW 310.1
Total Alkalinity	1800	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C240339

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUMP "F" 03/23/05 13:30 003				
Chemical Oxygen Demand (COD)	780 Q	160	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D5C240339

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	MCAWW 335.3	MCAWW 335.3
Distillation procedure	SM18 4500CN-E	SM18 4500-CN-I
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Separatory Funnel	CFR136A 1664	CFR136A 1664A H
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfide, no preparation	MCAWW 376.2	MCAWW 376.2
Total Hardness	MCAWW 130.2	MCAWW 130.2
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C240339

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Free Cyanide (4500-CN-I) Free Cyanide (4500-CN-I)	SM18 4500-CN-I
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
N-Hexane Extractable Material (1664A)	CFR136A 1664A HEM
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfide (Colorimetric,MB)	MCAWW 376.2
Total Cyanide	MCAWW 335.3
Total Hardness (Titrimetric, EDTA)	MCAWW 130.2
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C240339

ANALYTICAL METHOD	ANALYST	ANALYST ID
CFR136A 1664A HEM	David Kendall	002164
MCAWW 120.1	Fougere M. Danielle	006481
MCAWW 130.2	Fougere M. Danielle	006481
MCAWW 160.1	Dusti O. Criqui	006589
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Maria Fayard	002596
MCAWW 335.3	Ewa Kudla	001167
MCAWW 376.2	Maria Fayard	002596
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Nicole Dean	008504
SM18 4500-CN-I	Ewa Kudla	001167
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Heather Despres	009250
SW846 8270C	David Kidd	007536
SW846 9020B	Dave Elkin	000901

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C240339

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G60L9	001	SUMP "B"	03/23/05	11:30
G60M2	002	SUMP "D"	03/23/05	12:30
G60M3	003	SUMP "F"	03/23/05	13:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: SUMP "B"

GC/MS Volatiles

Lot-Sample #...: D5C240339-001 **Work Order #...:** G60L91CN **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 12:46
Dilution Factor: 20

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	680	ug/L	80
Acrylonitrile	ND	2000	ug/L	46
Benzene	ND	20	ug/L	3.0
Bromochloromethane	ND	200	ug/L	4.0
Bromodichloromethane	ND	100	ug/L	3.0
Bromoform	ND	100	ug/L	6.6
Bromomethane	ND	200	ug/L	5.2
Carbon disulfide	ND	100	ug/L	5.4
Carbon tetrachloride	ND	10	ug/L	3.8
Chlorobenzene	ND	100	ug/L	3.8
Dibromochloromethane	ND	100	ug/L	2.4
Chloroethane	ND	200	ug/L	6.2
Chloroform	ND	100	ug/L	3.0
Chloromethane	ND	200	ug/L	5.0
Dibromomethane	ND	200	ug/L	2.6
1,2-Dichlorobenzene	ND	200	ug/L	5.0
1,4-Dichlorobenzene	**13 J**	**200**	**ug/L**	**4.0**
trans-1,4-Dichloro-2-butene	ND	200	ug/L	5.8
Dichlorodifluoromethane	ND	200	ug/L	5.2
1,1-Dichloroethane	ND	100	ug/L	4.8
1,2-Dichloroethane	ND	100	ug/L	2.4
1,1-Dichloroethene	ND	20	ug/L	5.4
cis-1,2-Dichloroethene	**4.7 J**	**200**	**ug/L**	**2.8**
trans-1,2-Dichloroethene	ND	200	ug/L	3.4
1,2-Dichloropropane	ND	100	ug/L	3.4
cis-1,3-Dichloropropene	ND	100	ug/L	2.4
trans-1,3-Dichloropropene	ND	100	ug/L	3.0
Ethylbenzene	**13 J**	**100**	**ug/L**	**4.4**
Trichlorofluoromethane	ND	200	ug/L	6.6
2-Hexanone	ND	100	ug/L	7.6
Iodomethane	ND	200	ug/L	5.8
Methylene chloride	**9.3 J**	**100**	**ug/L**	**5.2**
4-Methyl-2-pentanone	ND	200	ug/L	15
Styrene	ND	100	ug/L	3.4
1,1,1,2-Tetrachloroethane	ND	100	ug/L	3.4
1,1,2,2-Tetrachloroethane	ND	100	ug/L	3.2
Tetrachloroethene	ND	100	ug/L	4.0

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Waste Management, Inc.

Client Sample ID: SUMP "B"

GC/MS Volatiles

Lot-Sample #...: D5C240339-001 **Work Order #...:** G60L91CN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	**12 J**	**20**	**ug/L**	**3.4**
1,1,1-Trichloroethane	ND	100	ug/L	3.6
1,1,2-Trichloroethane	ND	100	ug/L	4.8
Trichloroethene	ND	100	ug/L	3.8
1,2,3-Trichloropropane	ND	200	ug/L	5.2
Vinyl acetate	ND	200	ug/L	16
Vinyl chloride	ND	20	ug/L	5.6
Xylenes (total)	**26 J**	**200**	**ug/L**	**9.0**
1,2-Dibromo-3-chloropropane (DBCP)	ND	200	ug/L	13
1,2-Dibromoethane (EDB)	ND	20	ug/L	4.0
2-Butanone (MEK)	ND	200	ug/L	8.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 118)
1,2-Dichloroethane-d4	88	(62 - 128)
4-Bromofluorobenzene	93	(78 - 118)
Toluene-d8	100	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "D"

GC/MS Volatiles

Lot-Sample #...: D5C240339-002 **Work Order #...:** G60M21CN **Matrix.....:** WATER
Date Sampled...: 03/23/05 12:30 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 13:07
Dilution Factor: 10

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**42 J**	**340**	**ug/L**	**40**
Acrylonitrile	ND	1000	ug/L	23
Benzene	**5.0 J**	**10**	**ug/L**	**1.5**
Bromochloromethane	ND	100	ug/L	2.0
Bromodichloromethane	ND	50	ug/L	1.5
Bromoform	ND	50	ug/L	3.3
Bromomethane	ND	100	ug/L	2.6
Carbon disulfide	ND	50	ug/L	2.7
Carbon tetrachloride	ND	5.0	ug/L	1.9
Chlorobenzene	ND	50	ug/L	1.9
Dibromochloromethane	ND	50	ug/L	1.2
Chloroethane	ND	100	ug/L	3.1
Chloroform	ND	50	ug/L	1.5
Chloromethane	ND	100	ug/L	2.5
Dibromomethane	ND	100	ug/L	1.3
1,2-Dichlorobenzene	ND	100	ug/L	2.5
1,4-Dichlorobenzene	**7.1 J**	**100**	**ug/L**	**2.0**
trans-1,4-Dichloro-2-butene	ND	100	ug/L	2.9
Dichlorodifluoromethane	ND	100	ug/L	2.6
1,1-Dichloroethane	ND	50	ug/L	2.4
1,2-Dichloroethane	ND	50	ug/L	1.2
1,1-Dichloroethene	ND	10	ug/L	2.7
cis-1,2-Dichloroethene	**5.1 J**	**100**	**ug/L**	**1.4**
trans-1,2-Dichloroethene	ND	100	ug/L	1.7
1,2-Dichloropropane	ND	50	ug/L	1.7
cis-1,3-Dichloropropene	ND	50	ug/L	1.2
trans-1,3-Dichloropropene	ND	50	ug/L	1.5
Ethylbenzene	**9.4 J**	**50**	**ug/L**	**2.2**
Trichlorofluoromethane	ND	100	ug/L	3.3
2-Hexanone	**330**	**50**	**ug/L**	**3.8**
Iodomethane	ND	100	ug/L	2.9
Methylene chloride	**4.9 J**	**50**	**ug/L**	**2.6**
4-Methyl-2-pentanone	ND	100	ug/L	7.4
Styrene	**68**	**50**	**ug/L**	**1.7**
1,1,1,2-Tetrachloroethane	ND	50	ug/L	1.7
1,1,2,2-Tetrachloroethane	ND	50	ug/L	1.6
Tetrachloroethene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "D"

GC/MS Volatiles

Lot-Sample #...: D5C240339-002 **Work Order #...:** G60M21CN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	**9.5 J**	**10**	**ug/L**	**1.7**
1,1,1-Trichloroethane	ND	50	ug/L	1.8
1,1,2-Trichloroethane	ND	50	ug/L	2.4
Trichloroethene	ND	50	ug/L	1.9
1,2,3-Trichloropropane	ND	100	ug/L	2.6
Vinyl acetate	ND	100	ug/L	8.0
Vinyl chloride	ND	10	ug/L	2.8
Xylenes (total)	**21 J**	**100**	**ug/L**	**4.5**
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	ug/L	6.3
1,2-Dibromoethane (EDB)	ND	10	ug/L	2.0
2-Butanone (MEK)	ND	100	ug/L	4.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 118)
1,2-Dichloroethane-d4	94	(62 - 128)
4-Bromofluorobenzene	97	(78 - 118)
Toluene-d8	105	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "F"

GC/MS Volatiles

Lot-Sample #...: D5C240339-003 **Work Order #...:** G60M31CN **Matrix.....:** WATER
Date Sampled...: 03/23/05 13:30 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 13:28
Dilution Factor: 10

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	340	ug/L	40
Acrylonitrile	ND	1000	ug/L	23
Benzene	**7.3 J**	**10**	**ug/L**	**1.5**
Bromochloromethane	ND	100	ug/L	2.0
Bromodichloromethane	ND	50	ug/L	1.5
Bromoform	ND	50	ug/L	3.3
Bromomethane	ND	100	ug/L	2.6
Carbon disulfide	ND	50	ug/L	2.7
Carbon tetrachloride	ND	5.0	ug/L	1.9
Chlorobenzene	**2.1 J**	**50**	**ug/L**	**1.9**
Dibromochloromethane	ND	50	ug/L	1.2
Chloroethane	ND	100	ug/L	3.1
Chloroform	ND	50	ug/L	1.5
Chloromethane	ND	100	ug/L	2.5
Dibromomethane	ND	100	ug/L	1.3
1,2-Dichlorobenzene	ND	100	ug/L	2.5
1,4-Dichlorobenzene	**25 J**	**100**	**ug/L**	**2.0**
trans-1,4-Dichloro-2-butene	ND	100	ug/L	2.9
Dichlorodifluoromethane	ND	100	ug/L	2.6
1,1-Dichloroethane	**2.8 J**	**50**	**ug/L**	**2.4**
1,2-Dichloroethane	ND	50	ug/L	1.2
1,1-Dichloroethene	ND	10	ug/L	2.7
cis-1,2-Dichloroethene	**2.8 J**	**100**	**ug/L**	**1.4**
trans-1,2-Dichloroethene	ND	100	ug/L	1.7
1,2-Dichloropropane	ND	50	ug/L	1.7
cis-1,3-Dichloropropene	ND	50	ug/L	1.2
trans-1,3-Dichloropropene	ND	50	ug/L	1.5
Ethylbenzene	**42 J**	**50**	**ug/L**	**2.2**
Trichlorofluoromethane	ND	100	ug/L	3.3
2-Hexanone	ND	50	ug/L	3.8
Iodomethane	ND	100	ug/L	2.9
Methylene chloride	**6.4 J**	**50**	**ug/L**	**2.6**
4-Methyl-2-pentanone	ND	100	ug/L	7.4
Styrene	**5.8 J**	**50**	**ug/L**	**1.7**
1,1,1,2-Tetrachloroethane	ND	50	ug/L	1.7
1,1,2,2-Tetrachloroethane	ND	50	ug/L	1.6
Tetrachloroethene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "F"

GC/MS Volatiles

Lot-Sample #...: D5C240339-003 **Work Order #...:** G60M31CN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	**12**	**10**	**ug/L**	**1.7**
1,1,1-Trichloroethane	ND	50	ug/L	1.8
1,1,2-Trichloroethane	ND	50	ug/L	2.4
Trichloroethene	ND	50	ug/L	1.9
1,2,3-Trichloropropane	ND	100	ug/L	2.6
Vinyl acetate	ND	100	ug/L	8.0
Vinyl chloride	**6.8 J**	**10**	**ug/L**	**2.8**
Xylenes (total)	**58 J**	**100**	**ug/L**	**4.5**
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	ug/L	6.3
1,2-Dibromoethane (EDB)	ND	10	ug/L	2.0
2-Butanone (MEK)	ND	100	ug/L	4.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 118)
1,2-Dichloroethane-d4	90	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	101	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "B"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-001 **Work Order #...:** G60L91CD **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 00:14
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	**7.5 J**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "B"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-001 **Work Order #...:** G60L91CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	**2.4 J**	**10**	**ug/L**	**1.4**
3-Methylphenol & 4-Methylphenol	**25**	**10**	**ug/L**	**1.6**
Naphthalene	**6.4 J**	**10**	**ug/L**	**1.5**
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

(Continued on next page)

Waste Management, Inc.

Client Sample ID: SUMP "B"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-001 **Work Order #...:** G60L91CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "B"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-001 **Work Order #...:** G60L91CD **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(33 - 106)
Phenol-d5	65	(40 - 105)
Nitrobenzene-d5	72	(48 - 108)
2-Fluorobiphenyl	55	(39 - 93)
2,4,6-Tribromophenol	78	(31 - 122)
Terphenyl-d14	32	(20 - 123)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "D"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-002 **Work Order #...:** G60M21CD **Matrix.....:** WATER
Date Sampled...: 03/23/05 12:30 **Date Received..:** 03/24/05
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 00:39
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	**43**	**10**	**ug/L**	**2.0**
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	**21**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "D"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-002 **Work Order #...:** G60M21CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	ND	10	ug/L	1.4
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopentadiene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	ND	10	ug/L	1.6
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	**9.8 J**	**10**	**ug/L**	**1.6**
Naphthalene	**4.3 J**	**10**	**ug/L**	**1.5**
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

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Waste Management, Inc.

Client Sample ID: SUMP "D"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-002 **Work Order #...:** G60M21CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	**14**	**10**	**ug/L**	**1.4**
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "D"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-002 **Work Order #...:** G60M21CD **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(33 - 106)
Phenol-d5	72	(40 - 105)
Nitrobenzene-d5	88	(48 - 108)
2-Fluorobiphenyl	63	(39 - 93)
2,4,6-Tribromophenol	110	(31 - 122)
Terphenyl-d14	47	(20 - 123)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "F"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-003 **Work Order #...:** G60M31CD **Matrix.....:** WATER
Date Sampled...: 03/23/05 13:30 **Date Received..:** 03/24/05
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 01:03
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
2-Acetylaminofluorene	ND	100	ug/L	2.0
4-Aminobiphenyl	ND	50	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(k)fluoranthene	ND	10	ug/L	2.1
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.3
Benzyl alcohol	ND	10	ug/L	7.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.8
bis(2-Ethylhexyl) phthalate	**21**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	10	ug/L	1.7
4-Chloroaniline	ND	10	ug/L	7.5
Chlorobenzilate	ND	10	ug/L	2.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.3
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	1.7
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	2.0
Diallate	ND	20	ug/L	2.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	10	ug/L	1.9
3,3'-Dichlorobenzidine	ND	50	ug/L	0.63
2,4-Dichlorophenol	ND	10	ug/L	1.3
2,6-Dichlorophenol	ND	10	ug/L	2.0
Diethyl phthalate	ND	10	ug/L	1.8
Dimethoate	ND	20	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "F"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-003 **Work Order #...:** G60M31CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	20	ug/L	2.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	3.0
3,3'-Dimethylbenzidine	ND	20	ug/L	4.0
2,4-Dimethylphenol	**1.9 J**	**10**	**ug/L**	**1.4**
Dimethyl phthalate	ND	10	ug/L	1.7
1,3-Dinitrobenzene	ND	10	ug/L	2.0
4,6-Dinitro-2-methylphenol	ND	50	ug/L	9.8
2,4-Dinitrophenol	ND	50	ug/L	10
2,4-Dinitrotoluene	ND	10	ug/L	1.8
2,6-Dinitrotoluene	ND	10	ug/L	1.6
Dinoseb	ND	10	ug/L	2.0
Di-n-octyl phthalate	ND	10	ug/L	1.1
Diphenylamine	ND	10	ug/L	2.0
Disulfoton	ND	50	ug/L	2.0
Ethyl methanesulfonate	ND	10	ug/L	2.0
Famphur	ND	200	ug/L	9.0
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.7
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorobutadiene	ND	10	ug/L	1.3
Hexachlorocyclopenta-diene	ND	50	ug/L	5.0
Hexachloroethane	ND	10	ug/L	1.4
Hexachloropropene	ND	100	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
Isodrin	ND	10	ug/L	5.0
Isophorone	ND	10	ug/L	1.5
Isosafrole	ND	20	ug/L	3.0
Methapyrilene	ND	50	ug/L	20
3-Methylcholanthrene	ND	20	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	2.0
2-Methylnaphthalene	**2.2 J**	**10**	**ug/L**	**1.6**
Methyl parathion	ND	50	ug/L	2.0
2-Methylphenol	ND	10	ug/L	1.4
3-Methylphenol & 4-Methylphenol	**4.3 J**	**10**	**ug/L**	**1.6**
Naphthalene	**9.1 J**	**10**	**ug/L**	**1.5**
1,4-Naphthoquinone	ND	50	ug/L	2.0
1-Naphthylamine	ND	10	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
2-Nitroaniline	ND	50	ug/L	1.3

(Continued on next page)

Waste Management, Inc.

Client Sample ID: SUMP "F"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-003 **Work Order #...:** G60M31CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	2.3
Nitrobenzene	ND	10	ug/L	1.2
2-Nitrophenol	ND	10	ug/L	1.5
4-Nitrophenol	ND	50	ug/L	11
N-Nitrosodi-n-butylamine	ND	10	ug/L	2.0
N-Nitrosodiethylamine	ND	10	ug/L	2.0
N-Nitrosodimethylamine	ND	10	ug/L	1.6
N-Nitrosodiphenylamine	ND	10	ug/L	2.6
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.4
N-Nitrosomethylethylamine	ND	10	ug/L	2.0
N-Nitrosopiperidine	ND	10	ug/L	2.0
N-Nitrosopyrrolidine	ND	10	ug/L	2.0
5-Nitro-o-toluidine	ND	20	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.4
Parathion	ND	50	ug/L	2.0
Pentachlorobenzene	ND	10	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	2.0
Pentachlorophenol	ND	50	ug/L	10
Phenacetin	ND	20	ug/L	2.0
Phenanthrene	ND	10	ug/L	2.0
Phenol	ND	10	ug/L	1.4
4-Phenylenediamine	ND	100	ug/L	5.0
Phorate	ND	50	ug/L	2.0
Pronamide	ND	20	ug/L	2.0
Pyrene	ND	10	ug/L	2.1
Safrole	ND	50	ug/L	2.0
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	2.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	2.0
Thionazin	ND	10	ug/L	2.0
o-Toluidine	ND	10	ug/L	2.0
1,2,4-Trichloro-benzene	ND	10	ug/L	1.5
2,4,5-Trichloro-phenol	ND	10	ug/L	1.6
2,4,6-Trichloro-phenol	ND	10	ug/L	1.5
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	2.0
1,3,5-Trinitrobenzene	ND	50	ug/L	2.0

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Waste Management, Inc.

Client Sample ID: SUMP "F"

GC/MS Semivolatiles

Lot-Sample #...: D5C240339-003 **Work Order #...:** G60M31CD **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(33 - 106)
Phenol-d5	75	(40 - 105)
Nitrobenzene-d5	76	(48 - 108)
2-Fluorobiphenyl	53	(39 - 93)
2,4,6-Tribromophenol	81	(31 - 122)
Terphenyl-d14	39	(20 - 123)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "B"

TOTAL Metals

Lot-Sample #...: D5C240339-001 Matrix.....: WATER
Date Sampled...: 03/23/05 11:30 Date Received..: 03/24/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083612						
Boron	7300	100	ug/L	SW846 6010B	03/25-03/28/05	G60L91AU
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 13	
Manganese	2400	10	ug/L	SW846 6010B	03/25-03/27/05	G60L91AV
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 1.9	
Sodium	840000	5000	ug/L	SW846 6010B	03/25-03/28/05	G60L91AW
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 1400	
Calcium	430000	200	ug/L	SW846 6010B	03/25-03/28/05	G60L91AX
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 96	
Magnesium	210000	200	ug/L	SW846 6010B	03/25-03/28/05	G60L91A0
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 17	
Iron	15000	100	ug/L	SW846 6010B	03/25-03/28/05	G60L91A1
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 28	
Zinc	90	20	ug/L	SW846 6010B	03/25-03/28/05	G60L91A2
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 4.9	
Silver	1.8 B	10	ug/L	SW846 6010B	03/25-03/27/05	G60L91A4
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 0.37	
Cadmium	0.59 B	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60L91A5
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 0.38	
Chromium	22	10	ug/L	SW846 6010B	03/25-03/27/05	G60L91A6
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 1.2	
Copper	12	10	ug/L	SW846 6010B	03/25-03/27/05	G60L91A7
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 1.6	
Nickel	94	40	ug/L	SW846 6010B	03/25-03/27/05	G60L91A8
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G60L91A9
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 1.5	

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Waste Management, Inc.

Client Sample ID: SUMP "B"

TOTAL Metals

Lot-Sample #...: D5C240339-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	**120**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60L91CC**
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 3.4	
Cobalt	**20**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60L91CE**
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 0.91	
Antimony	**5.7 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60L91CF**
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60L91CG
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 3.3	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G60L91CJ
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 0.83	
Barium	**2700**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60L91CK**
		Dilution Factor: 1		Analysis Time..: 16:43	MDL.....: 2.1	
Potassium	**140000**	**5000**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60L91CL**
		Dilution Factor: 1		Analysis Time..: 21:46	MDL.....: 250	

Prep Batch #...: 5088098

Mercury	ND	0.20	ug/L	SW846 7470A	03/29/05	G60L91CH
		Dilution Factor: 1		Analysis Time..: 17:29	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "D"

TOTAL Metals

Lot-Sample #...: D5C240339-002 Matrix.....: WATER
Date Sampled...: 03/23/05 12:30 Date Received..: 03/24/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083612						
Boron	4200	100	ug/L	SW846 6010B	03/25-03/28/05	G60M21A6
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 13	
Manganese	2000	10	ug/L	SW846 6010B	03/25-03/27/05	G60M21A7
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 1.9	
Sodium	670000	5000	ug/L	SW846 6010B	03/25-03/28/05	G60M21A8
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 1400	
Calcium	300000	200	ug/L	SW846 6010B	03/25-03/28/05	G60M21A9
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 96	
Magnesium	130000	200	ug/L	SW846 6010B	03/25-03/28/05	G60M21AA
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 17	
Iron	21000	100	ug/L	SW846 6010B	03/25-03/28/05	G60M21AC
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 28	
Zinc	800	20	ug/L	SW846 6010B	03/25-03/28/05	G60M21AD
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 4.9	
Silver	0.41 B	10	ug/L	SW846 6010B	03/25-03/27/05	G60M21AF
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 0.37	
Cadmium	1.1 B	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60M21AG
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 0.38	
Chromium	28	10	ug/L	SW846 6010B	03/25-03/27/05	G60M21AH
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 1.2	
Copper	450	10	ug/L	SW846 6010B	03/25-03/27/05	G60M21AJ
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 1.6	
Nickel	87	40	ug/L	SW846 6010B	03/25-03/27/05	G60M21AK
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 2.0	
Lead	7.2	3.0	ug/L	SW846 6010B	03/25-03/27/05	G60M21AL
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 1.5	

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Waste Management, Inc.

Client Sample ID: SUMP "D"

TOTAL Metals

Lot-Sample #...: D5C240339-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	**100**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M21CC**
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 3.4	
Cobalt	**17**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M21CE**
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 0.91	
Antimony	**18**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M21CF**
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60M21CG
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 3.3	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G60M21CJ
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 0.83	
Barium	**1300**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M21CK**
		Dilution Factor: 1		Analysis Time..: 17:03	MDL.....: 2.1	
Potassium	**150000**	**5000**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M21CL**
		Dilution Factor: 1		Analysis Time..: 22:53	MDL.....: 250	

Prep Batch #...: 5088098

Mercury	ND	0.20	ug/L	SW846 7470A	03/29/05	G60M21CH
		Dilution Factor: 1		Analysis Time..: 17:34	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "F"

TOTAL Metals

Lot-Sample #...: D5C240339-003 **Matrix.....:** WATER
Date Sampled...: 03/23/05 13:30 **Date Received..:** 03/24/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5083612						
Boron	**3400**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M31A6**
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 13	
Manganese	**3400**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M31A7**
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 1.9	
Sodium	**570000**	**5000**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M31A8**
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 1400	
Calcium	**520000**	**200**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M31A9**
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 96	
Magnesium	**190000**	**200**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M31AA**
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 17	
Iron	**13000**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M31AC**
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 28	
Zinc	**11 B**	**20**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M31AD**
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 4.9	
Silver	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G60M31AF
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 0.37	
Cadmium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60M31AG
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 0.38	
Chromium	**17**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M31AH**
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 1.2	
Copper	**3.2 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M31AJ**
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 1.6	
Nickel	**40**	**40**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M31AK**
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 2.0	
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G60M31AL
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 1.5	

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Waste Management, Inc.

Client Sample ID: SUMP "F"

TOTAL Metals

Lot-Sample #...: D5C240339-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	**12**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M31CC**
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 3.4	
Cobalt	**9.5 B**	**10**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M31CE**
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 0.91	
Antimony	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G60M31CF
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 3.2	
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G60M31CG
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 3.3	
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G60M31CJ
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 0.83	
Barium	**1300**	**100**	**ug/L**	**SW846 6010B**	**03/25-03/27/05**	**G60M31CK**
		Dilution Factor: 1		Analysis Time..: 17:08	MDL.....: 2.1	
Potassium	**68000**	**5000**	**ug/L**	**SW846 6010B**	**03/25-03/28/05**	**G60M31CL**
		Dilution Factor: 1		Analysis Time..: 22:58	MDL.....: 250	

Prep Batch #...: 5088098

Mercury	ND	0.20	ug/L	SW846 7470A	03/29/05	G60M31CH
		Dilution Factor: 1		Analysis Time..: 17:39	MDL.....: 0.044	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "B"

General Chemistry

Lot-Sample #...: D5C240339-001 Work Order #...: G60L9 Matrix.....: WATER
Date Sampled...: 03/23/05 11:30 Date Received..: 03/24/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	1600	5.0	mg/L	MCAWW 310.1	03/29/05	5088544
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	1300 Q	80	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 10		Analysis Time..: 15:00	MDL.....: 40	
Chloride	1600 Q	300	mg/L	MCAWW 300.0A	03/28/05	5088158
		Dilution Factor: 100		Analysis Time..: 20:54	MDL.....: 10	
Fluoride	0.68 B,G	5.0	mg/L	MCAWW 300.0A	03/28/05	5088160
		Dilution Factor: 5		Analysis Time..: 20:18	MDL.....: 0.50	
Free Cyanide (4500-C N-I)	ND	0.010	mg/L	SM18 4500-CN-I	03/31/05	5090499
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Hardness, as CaCO3	1300 Q	25	mg/L	MCAWW 130.2	03/29/05	5088217
		Dilution Factor: 5		Analysis Time..: 09:45	MDL.....: 10	
HEM (Oil and Grease)	43	5.0	mg/L	CFR136A 1664A HEM	04/03/05	5094219
		Dilution Factor: 1		Analysis Time..: 10:20	MDL.....: 0.72	
Specific Conductance	7900	2.0	umhos/cm	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1		Analysis Time..: 13:30	MDL.....:	
Sulfate	5.0 B,G	25	mg/L	MCAWW 300.0A	03/28/05	5088159
		Dilution Factor: 5		Analysis Time..: 20:18	MDL.....: 0.50	
Total Alkalinity	1600	5.0	mg/L	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Total Cyanide	0.0089 B	0.010	mg/L	MCAWW 335.3	03/31/05	5090498
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.0028	
Total Dissolved Solids	4800 J	10	mg/L	MCAWW 160.1	03/28/05	5087570
		Dilution Factor: 1		Analysis Time..: 16:10	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: SUMP "B"

General Chemistry

Lot-Sample #...: D5C240339-001 Work Order #...: G60L9 Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	400 Q	15	mg/L	MCAWW 415.1	04/01/05	5094172
		Dilution Factor: 15		Analysis Time..: 11:00	MDL.....: 4.0	
Total Organic Carbon 2	410 Q	15	mg/L	MCAWW 415.1	04/01/05	5094172
		Dilution Factor: 15		Analysis Time..: 11:00	MDL.....: 4.0	
Total Organic Halogens	1900 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Organic Halogens 2	1800 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Organic Halogens 3	2000 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Organic Halogens 4	1900 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Sulfide	0.018 B	0.050	mg/L	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....: 0.0020	

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: SUMP "D"

General Chemistry

Lot-Sample #...: D5C240339-002 **Work Order #...:** G60M2 **Matrix.....:** WATER
Date Sampled...: 03/23/05 12:30 **Date Received..:** 03/24/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	**1700**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/29/05**	**5088544**
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	**1400 Q**	**80**	**mg/L**	**MCAWW 410.4**	**03/31/05**	**5091235**
		Dilution Factor: 10		Analysis Time..: 15:00	MDL.....: 40	
Chloride	**1100 Q**	**150**	**mg/L**	**MCAWW 300.0A**	**03/28/05**	**5088158**
		Dilution Factor: 50		Analysis Time..: 22:07	MDL.....: 5.0	
Fluoride	**0.77 B,G**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/28/05**	**5088160**
		Dilution Factor: 5		Analysis Time..: 21:31	MDL.....: 0.50	
Free Cyanide (4500-C N-I)	ND	0.010	mg/L	SM18 4500-CN-I	03/31/05	5090499
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Hardness, as CaCO3	**970 Q**	**25**	**mg/L**	**MCAWW 130.2**	**03/29/05**	**5088217**
		Dilution Factor: 5		Analysis Time..: 09:45	MDL.....: 10	
HEM (Oil and Grease)	**23**	**5.0**	**mg/L**	**CFR136A 1664A HEM**	**04/03/05**	**5094219**
		Dilution Factor: 1		Analysis Time..: 10:20	MDL.....: 0.72	
Specific Conductance	**6700**	**2.0**	**umhos/cm**	**MCAWW 120.1**	**03/28/05**	**5087492**
		Dilution Factor: 1		Analysis Time..: 13:30	MDL.....:	
Sulfate	**6.7 B,G**	**25**	**mg/L**	**MCAWW 300.0A**	**03/28/05**	**5088159**
		Dilution Factor: 5		Analysis Time..: 21:31	MDL.....: 0.50	
Total Alkalinity	**1700**	**5.0**	**mg/L**	**MCAWW 310.1**	**03/29/05**	**5088546**
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Total Cyanide	ND	0.010	mg/L	MCAWW 335.3	03/31/05	5090498
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.0028	
Total Dissolved Solids	**3800 J**	**10**	**mg/L**	**MCAWW 160.1**	**03/28/05**	**5087570**
		Dilution Factor: 1		Analysis Time..: 16:10	MDL.....: 3.6	

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Waste Management, Inc.

Client Sample ID: SUMP "D"

General Chemistry

Lot-Sample #...: D5C240339-002 Work Order #...: G60M2 Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	520 Q	11	mg/L	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 11		Analysis Time..: 10:00	MDL.....: 0.27	
Total Organic Carbon 2	510 Q	11	mg/L	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 11		Analysis Time..: 10:00	MDL.....: 3.0	
Total Organic Halogens	1700 Q	1200	ug/L	SW846 9020B	03/29/05	5089133
		Dilution Factor: 40		Analysis Time..: 09:00	MDL.....: 310	
Total Organic Halogens 2	1900 Q	1200	ug/L	SW846 9020B	03/29/05	5089133
		Dilution Factor: 40		Analysis Time..: 09:00	MDL.....: 310	
Total Organic Halogens 3	1900 Q	1200	ug/L	SW846 9020B	03/29/05	5089133
		Dilution Factor: 40		Analysis Time..: 09:00	MDL.....: 310	
Total Organic Halogens 4	1900 Q	1200	ug/L	SW846 9020B	03/29/05	5089133
		Dilution Factor: 40		Analysis Time..: 09:00	MDL.....: 310	
Total Sulfide	0.0030 B	0.050	mg/L	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....: 0.0020	

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: SUMP "F"

General Chemistry

Lot-Sample #...: D5C240339-003 Work Order #...: G60M3 Matrix.....: WATER
Date Sampled...: 03/23/05 13:30 Date Received..: 03/24/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	1800	5.0	mg/L	MCAWW 310.1	03/29/05	5088544
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Chemical Oxygen Demand (COD)	780 Q	160	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 20		Analysis Time..: 15:00	MDL.....: 80	
Chloride	1000 Q	150	mg/L	MCAWW 300.0A	03/28-03/29/05	5088158
		Dilution Factor: 50		Analysis Time..: 08:39	MDL.....: 5.0	
Fluoride	0.87 B,G	5.0	mg/L	MCAWW 300.0A	03/28/05	5088160
		Dilution Factor: 5		Analysis Time..: 22:20	MDL.....: 0.50	
Free Cyanide (4500-C N-I)	0.0028 B	0.010	mg/L	SM18 4500-CN-I	03/31/05	5090499
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0028	
Hardness, as CaCO3	1500 Q	25	mg/L	MCAWW 130.2	03/29/05	5088217
		Dilution Factor: 5		Analysis Time..: 09:45	MDL.....: 10	
HEM (Oil and Grease)	5.1	5.0	mg/L	CFR136A 1664A HEM	04/03/05	5094219
		Dilution Factor: 1		Analysis Time..: 10:20	MDL.....: 0.72	
Specific Conductance	6000	2.0	umhos/cm	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1		Analysis Time..: 13:30	MDL.....:	
Sulfate	11 B,G	25	mg/L	MCAWW 300.0A	03/28/05	5088159
		Dilution Factor: 5		Analysis Time..: 22:20	MDL.....: 0.50	
Total Alkalinity	1800	5.0	mg/L	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1		Analysis Time..: 13:58	MDL.....: 0.85	
Total Cyanide	ND	0.010	mg/L	MCAWW 335.3	03/31/05	5090498
		Dilution Factor: 1		Analysis Time..: 13:00	MDL.....: 0.0028	
Total Dissolved Solids	3800 J	10	mg/L	MCAWW 160.1	03/28/05	5087570
		Dilution Factor: 1		Analysis Time..: 16:10	MDL.....: 3.6	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: SUMP "F"

General Chemistry

Lot-Sample #...: D5C240339-003 Work Order #...: G60M3 Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	230 Q	5.0	mg/L	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 5		Analysis Time..: 10:00	MDL.....: 1.4	
Total Organic Carbon 2	230 Q	5.0	mg/L	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 5		Analysis Time..: 10:00	MDL.....: 1.4	
Total Organic Halogens	840 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Organic Halogens 2	770 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Organic Halogens 3	770 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Organic Halogens 4	1400 Q	600	ug/L	SW846 9020B	03/29/05	5089136
		Dilution Factor: 20		Analysis Time..: 09:00	MDL.....: 150	
Total Sulfide	ND	0.050	mg/L	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....: 0.0020	

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D5C240339

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 120.1		5087492	5087298
	WATER	MCAWW 130.2		5088217	5089104
	WATER	MCAWW 160.1		5087570	5087318
	WATER	MCAWW 300.0A		5088158	5091239
	WATER	MCAWW 300.0A		5088159	5091246
	WATER	MCAWW 300.0A		5088160	5091238
	WATER	MCAWW 415.1		5094172	5094119
	WATER	SM18 4500-CN-I		5090499	5090317
	WATER	CFR136A 1664A HEM		5094219	
	WATER	SW846 9020B		5089136	
	WATER	SW846 7470A		5088098	5088071
	WATER	SW846 8260B		5093044	5093011
	WATER	SW846 8270C		5084481	
	WATER	SW846 6010B		5083612	5083376
	WATER	MCAWW 376.2		5087572	5088184
	WATER	MCAWW 310.1		5088544	
	WATER	MCAWW 310.1		5088546	5090187
	WATER	MCAWW 335.3		5090498	5090316
	WATER	MCAWW 410.4		5091235	5091161
002	WATER	MCAWW 120.1		5087492	5087298
	WATER	MCAWW 130.2		5088217	5089104
	WATER	MCAWW 160.1		5087570	5087318
	WATER	MCAWW 300.0A		5088158	5091239
	WATER	MCAWW 300.0A		5088159	5091246
	WATER	MCAWW 300.0A		5088160	5091238
	WATER	MCAWW 415.1		5090128	5090125
	WATER	SM18 4500-CN-I		5090499	5090317
	WATER	CFR136A 1664A HEM		5094219	
	WATER	SW846 9020B		5089133	
	WATER	SW846 7470A		5088098	5088071
	WATER	SW846 8260B		5093044	5093011
	WATER	SW846 8270C		5084481	
	WATER	SW846 6010B		5083612	5083376
	WATER	MCAWW 376.2		5087572	5088184
	WATER	MCAWW 310.1		5088544	
	WATER	MCAWW 310.1		5088546	5090187
	WATER	MCAWW 335.3		5090498	5090316
	WATER	MCAWW 410.4		5091235	5091161
003	WATER	MCAWW 120.1		5087492	5087298
	WATER	MCAWW 130.2		5088217	5089104
	WATER	MCAWW 160.1		5087570	5087318

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QC DATA ASSOCIATION SUMMARY

D5C240339

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
003	WATER	MCAWW 300.0A		5088158	5091239
	WATER	MCAWW 300.0A		5088159	5091246
	WATER	MCAWW 300.0A		5088160	5091238
	WATER	MCAWW 415.1		5090128	5090125
	WATER	SM18 4500-CN-I		5090499	5090317
	WATER	CFR136A 1664A HEM		5094219	
	WATER	SW846 9020B		5089136	
	WATER	SW846 7470A		5088098	5088071
	WATER	SW846 8260B		5093044	5093011
	WATER	SW846 8270C		5084481	
	WATER	SW846 6010B		5083612	5083376
	WATER	MCAWW 376.2		5087572	5088184
	WATER	MCAWW 310.1		5088544	
	WATER	MCAWW 310.1		5088546	5090187
	WATER	MCAWW 335.3		5090498	5090316
	WATER	MCAWW 410.4		5091235	5091161

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C240339 **Work Order #...:** G7KPK1AA **Matrix.....:** WATER
MB Lot-Sample #: D5D030000-044

Prep Date.....: 03/31/05 **Analysis Time..:** 09:56
Analysis Date..: 03/31/05 **Prep Batch #...:** 5093044
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Acetone	ND	34	ug/L	SW846 8260B
Bromochloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C240339 **Work Order #...:** G7KPK1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
1,2-Dichloroethane-d4	96	(62 - 128)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	99	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C240339 **Work Order #...:** G7KPK1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5D030000-044
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 08:53
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**111**	**(66 - 132)**	**SW846 8260B**
Benzene	**102**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**104**	**(78 - 118)**	**SW846 8260B**
Toluene	**104**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**106**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 118)
1,2-Dichloroethane-d4	103	(62 - 128)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	110	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C240339 **Work Order #...:** G7KPK1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5D030000-044
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 08:53
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.1**	**ug/L**	**111**	**SW846 8260B**
Benzene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 118)
1,2-Dichloroethane-d4	103	(62 - 128)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	110	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C240339 **Work Order #...:** G619V1A5-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C250161-001 G619V1A6-MSD
Date Sampled...: 03/23/05 08:25 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 11:42
Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**109**	**(66 - 132)**			**SW846 8260B**
	107	**(66 - 132)**	**1.4**	**(0-26)**	**SW846 8260B**
Benzene	**103**	**(75 - 120)**			**SW846 8260B**
	103	**(75 - 120)**	**0.54**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**104**	**(78 - 118)**			**SW846 8260B**
	105	**(78 - 118)**	**0.24**	**(0-20)**	**SW846 8260B**
Toluene	**106**	**(78 - 118)**			**SW846 8260B**
	106	**(78 - 118)**	**0.23**	**(0-22)**	**SW846 8260B**
Trichloroethene	**90**	**(79 - 122)**			**SW846 8260B**
	86	**(79 - 122)**	**1.1**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
	97	(73 - 118)
1,2-Dichloroethane-d4	98	(62 - 128)
	100	(62 - 128)
4-Bromofluorobenzene	101	(78 - 118)
	102	(78 - 118)
Toluene-d8	114	(77 - 117)
	113	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C240339 **Work Order #...:** G619V1A5-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C250161-001 G619V1A6-MSD
Date Sampled...: 03/23/05 08:25 **Date Received..:** 03/24/05
Prep Date.....: 03/31/05 **Analysis Date..:** 03/31/05
Prep Batch #...: 5093044 **Analysis Time..:** 11:42
Dilution Factor: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**100**	**109**	**ug/L**	**109**		**SW846 8260B**
	ND	**100**	**107**	**ug/L**	**107**	**1.4**	**SW846 8260B**
Benzene	**3.2**	**100**	**106**	**ug/L**	**103**		**SW846 8260B**
	3.2	**100**	**106**	**ug/L**	**103**	**0.54**	**SW846 8260B**
Chlorobenzene	**17**	**100**	**121**	**ug/L**	**104**		**SW846 8260B**
	17	**100**	**121**	**ug/L**	**105**	**0.24**	**SW846 8260B**
Toluene	**ND**	**100**	**106**	**ug/L**	**106**		**SW846 8260B**
	ND	**100**	**106**	**ug/L**	**106**	**0.23**	**SW846 8260B**
Trichloroethene	**290**	**100**	**376**	**ug/L**	**90**		**SW846 8260B**
	290	**100**	**372**	**ug/L**	**86**	**1.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 118)
	97	(73 - 118)
1,2-Dichloroethane-d4	98	(62 - 128)
	100	(62 - 128)
4-Bromofluorobenzene	101	(78 - 118)
	102	(78 - 118)
Toluene-d8	114	(77 - 117)
	113	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240339 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C250000-481

Prep Date.....: 03/28/05 **Analysis Time..:** 11:17

Analysis Date..: 04/01/05 **Prep Batch #...:** 5084481
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240339 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240339 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(33 - 106)
Phenol-d5	79	(40 - 105)
Nitrobenzene-d5	73	(48 - 108)
2-Fluorobiphenyl	45	(39 - 93)
2,4,6-Tribromophenol	72	(31 - 122)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240339 **Work Order #...:** G64MQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	92	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240339 **Work Order #...:** G64MQ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-481
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 11:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**70**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**47**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**82**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**71**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**86**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**72**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**68**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**59**	**(41 - 113)**	**SW846 8270C**
Phenol	**74**	**(57 - 103)**	**SW846 8270C**
Pyrene	**84**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**52**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	70	(55 - 100)
2-Fluorobiphenyl	51	(40 - 93)
2,4,6-Tribromophenol	78	(51 - 107)
Terphenyl-d14	89	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C240339 **Work Order #...:** G64MQ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-481
Prep Date.....: 03/28/05 **Analysis Date..:** 04/01/05
Prep Batch #...: 5084481 **Analysis Time..:** 11:40
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**70.2**	**ug/L**	**70**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**47.4**	**ug/L**	**47**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**123**	**ug/L**	**82**	**SW846 8270C**
2-Chlorophenol	**150**	**107**	**ug/L**	**71**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**85.8**	**ug/L**	**86**	**SW846 8270C**
4-Nitrophenol	**150**	**108**	**ug/L**	**72**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**67.7**	**ug/L**	**68**	**SW846 8270C**
Pentachlorophenol	**150**	**88.7**	**ug/L**	**59**	**SW846 8270C**
Phenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
Pyrene	**100**	**84.1**	**ug/L**	**84**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**51.6**	**ug/L**	**52**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	70	(55 - 100)
2-Fluorobiphenyl	51	(40 - 93)
2,4,6-Tribromophenol	78	(51 - 107)
Terphenyl-d14	89	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C240000-612 **Prep Batch #...:** 5083612						
Boron	ND	100	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AA
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Manganese	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AC
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Sodium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AD
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Calcium	ND	200	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AE
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Magnesium	ND	200	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AF
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Iron	ND	100	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AG
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Zinc	ND	20	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AH
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Silver	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AJ
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AK
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Chromium	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AL
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Copper	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AM
		Dilution Factor: 1				
		Analysis Time..: 15:49				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	40	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AN
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Lead	ND	3.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AP
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Arsenic	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AQ
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Cobalt	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AR
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Antimony	ND	10	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AT
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Selenium	ND	5.0	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AU
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AV
		Dilution Factor: 1				
		Analysis Time..: 21:36				
Barium	ND	100	ug/L	SW846 6010B	03/25-03/27/05	G61KG1AW
		Dilution Factor: 1				
		Analysis Time..: 15:49				
Potassium	ND	5000	ug/L	SW846 6010B	03/25-03/28/05	G61KG1AX
		Dilution Factor: 1				
		Analysis Time..: 21:36				

MB Lot-Sample #: D5C290000-098 **Prep Batch #...:** 5088098

Mercury	ND	0.20	ug/L	SW846 7470A	03/29/05	G67RH1AA
		Dilution Factor: 1				
		Analysis Time..: 17:06				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-612 **Prep Batch #...:** 5083612					
Boron	99	(89 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A0
		Dilution Factor: 1	Analysis Time..: 21:41		
Manganese	99	(90 - 110)	SW846 6010B	03/25-03/27/05	G61KG1A1
		Dilution Factor: 1	Analysis Time..: 15:53		
Sodium	102	(91 - 112)	SW846 6010B	03/25-03/28/05	G61KG1A2
		Dilution Factor: 1	Analysis Time..: 21:41		
Calcium	101	(89 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A3
		Dilution Factor: 1	Analysis Time..: 21:41		
Magnesium	100	(91 - 111)	SW846 6010B	03/25-03/28/05	G61KG1A4
		Dilution Factor: 1	Analysis Time..: 21:41		
Iron	102	(88 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A5
		Dilution Factor: 1	Analysis Time..: 21:41		
Zinc	98	(85 - 110)	SW846 6010B	03/25-03/28/05	G61KG1A6
		Dilution Factor: 1	Analysis Time..: 21:41		
Silver	104	(85 - 114)	SW846 6010B	03/25-03/27/05	G61KG1A7
		Dilution Factor: 1	Analysis Time..: 15:53		
Cadmium	100	(89 - 110)	SW846 6010B	03/25-03/27/05	G61KG1A8
		Dilution Factor: 1	Analysis Time..: 15:53		
Chromium	100	(89 - 112)	SW846 6010B	03/25-03/27/05	G61KG1A9
		Dilution Factor: 1	Analysis Time..: 15:53		
Copper	100	(86 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CA
		Dilution Factor: 1	Analysis Time..: 15:53		
Nickel	101	(90 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CC
		Dilution Factor: 1	Analysis Time..: 15:53		
Lead	100	(91 - 111)	SW846 6010B	03/25-03/27/05	G61KG1CD
		Dilution Factor: 1	Analysis Time..: 15:53		
Arsenic	96	(89 - 109)	SW846 6010B	03/25-03/27/05	G61KG1CE
		Dilution Factor: 1	Analysis Time..: 15:53		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	97	(86 - 107)	SW846 6010B	03/25-03/27/05	G61KG1CF
		Dilution Factor: 1	Analysis Time..: 15:53		
Antimony	99	(88 - 108)	SW846 6010B	03/25-03/27/05	G61KG1CG
		Dilution Factor: 1	Analysis Time..: 15:53		
Selenium	99	(88 - 110)	SW846 6010B	03/25-03/27/05	G61KG1CH
		Dilution Factor: 1	Analysis Time..: 15:53		
Beryllium	100	(88 - 112)	SW846 6010B	03/25-03/28/05	G61KG1CJ
		Dilution Factor: 1	Analysis Time..: 21:41		
Barium	108	(93 - 113)	SW846 6010B	03/25-03/27/05	G61KG1CK
		Dilution Factor: 1	Analysis Time..: 15:53		
Potassium	100	(86 - 111)	SW846 6010B	03/25-03/28/05	G61KG1CL
		Dilution Factor: 1	Analysis Time..: 21:41		

LCS Lot-Sample#: D5C290000-098 **Prep Batch #...:** 5088098

Mercury	97	(85 - 114)	SW846 7470A	03/29/05	G67RH1AC
		Dilution Factor: 1	Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C240000-612 **Prep Batch #...:** 5083612							
Boron	1000	993	ug/L	99	SW846 6010B	03/25-03/28/05	G61KG1A0
			Dilution Factor: 1		Analysis Time..: 21:41		
Manganese	500	496	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1A1
			Dilution Factor: 1		Analysis Time..: 15:53		
Sodium	50000	50800	ug/L	102	SW846 6010B	03/25-03/28/05	G61KG1A2
			Dilution Factor: 1		Analysis Time..: 21:41		
Calcium	50000	50500	ug/L	101	SW846 6010B	03/25-03/28/05	G61KG1A3
			Dilution Factor: 1		Analysis Time..: 21:41		
Magnesium	50000	50000	ug/L	100	SW846 6010B	03/25-03/28/05	G61KG1A4
			Dilution Factor: 1		Analysis Time..: 21:41		
Iron	1000	1020	ug/L	102	SW846 6010B	03/25-03/28/05	G61KG1A5
			Dilution Factor: 1		Analysis Time..: 21:41		
Zinc	500	488	ug/L	98	SW846 6010B	03/25-03/28/05	G61KG1A6
			Dilution Factor: 1		Analysis Time..: 21:41		
Silver	50.0	52.1	ug/L	104	SW846 6010B	03/25-03/27/05	G61KG1A7
			Dilution Factor: 1		Analysis Time..: 15:53		
Cadmium	50.0	50.1	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1A8
			Dilution Factor: 1		Analysis Time..: 15:53		
Chromium	200	199	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1A9
			Dilution Factor: 1		Analysis Time..: 15:53		
Copper	250	250	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1CA
			Dilution Factor: 1		Analysis Time..: 15:53		
Nickel	500	506	ug/L	101	SW846 6010B	03/25-03/27/05	G61KG1CC
			Dilution Factor: 1		Analysis Time..: 15:53		
Lead	500	498	ug/L	100	SW846 6010B	03/25-03/27/05	G61KG1CD
			Dilution Factor: 1		Analysis Time..: 15:53		
Arsenic	2000	1920	ug/L	96	SW846 6010B	03/25-03/27/05	G61KG1CE
			Dilution Factor: 1		Analysis Time..: 15:53		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	485	ug/L	97	SW846 6010B	03/25-03/27/05	G61KG1CF
			Dilution Factor: 1		Analysis Time..: 15:53		
Antimony	500	495	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1CG
			Dilution Factor: 1		Analysis Time..: 15:53		
Selenium	2000	1980	ug/L	99	SW846 6010B	03/25-03/27/05	G61KG1CH
			Dilution Factor: 1		Analysis Time..: 15:53		
Beryllium	50.0	50.1	ug/L	100	SW846 6010B	03/25-03/28/05	G61KG1CJ
			Dilution Factor: 1		Analysis Time..: 21:41		
Barium	2000	2160	ug/L	108	SW846 6010B	03/25-03/27/05	G61KG1CK
			Dilution Factor: 1		Analysis Time..: 15:53		
Potassium	50000	50000	ug/L	100	SW846 6010B	03/25-03/28/05	G61KG1CL
			Dilution Factor: 1		Analysis Time..: 21:41		

LCS Lot-Sample#: D5C290000-098 **Prep Batch #...:** 5088098

Mercury	5.00	4.86	ug/L	97	SW846 7470A	03/29/05	G67RH1AC
			Dilution Factor: 1		Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5083612							
Boron	NC,MSB	(87 - 113)			SW846 6010B	03/25-03/28/05	G60L91CP
	NC,MSB	(87 - 113)		(0-25)	SW846 6010B	03/25-03/28/05	G60L91CQ
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Manganese	NC,MSB	(79 - 121)			SW846 6010B	03/25-03/27/05	G60L91CR
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	03/25-03/27/05	G60L91CT
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	03/25-03/28/05	G60L91CU
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	03/25-03/28/05	G60L91CV
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	03/25-03/28/05	G60L91CW
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	03/25-03/28/05	G60L91CX
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Magnesium	NC,MSB	(62 - 146)			SW846 6010B	03/25-03/28/05	G60L91C0
	NC,MSB	(62 - 146)		(0-25)	SW846 6010B	03/25-03/28/05	G60L91C1
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Iron	NC,MSB	(52 - 155)			SW846 6010B	03/25-03/28/05	G60L91C2
	NC,MSB	(52 - 155)		(0-25)	SW846 6010B	03/25-03/28/05	G60L91C3
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Zinc	91	(60 - 137)			SW846 6010B	03/25-03/28/05	G60L91C4
	93	(60 - 137)	1.6	(0-25)	SW846 6010B	03/25-03/28/05	G60L91C5
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Silver	117	(75 - 141)			SW846 6010B	03/25-03/27/05	G60L91C6
	119	(75 - 141)	1.6	(0-25)	SW846 6010B	03/25-03/27/05	G60L91C7
		Dilution Factor: 1					
		Analysis Time..: 16:53					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	99	(82 - 119)			SW846 6010B	03/25-03/27/05	G60L91C8
	101	(82 - 119)	2.2	(0-25)	SW846 6010B	03/25-03/27/05	G60L91C9
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Chromium	98	(73 - 135)			SW846 6010B	03/25-03/27/05	G60L91DA
	100	(73 - 135)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DC
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Copper	112	(82 - 129)			SW846 6010B	03/25-03/27/05	G60L91DD
	114	(82 - 129)	2.0	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DE
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Nickel	99	(84 - 120)			SW846 6010B	03/25-03/27/05	G60L91DF
	101	(84 - 120)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DG
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Lead	103	(89 - 121)			SW846 6010B	03/25-03/27/05	G60L91DH
	105	(89 - 121)	2.0	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DJ
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Arsenic	107	(84 - 124)			SW846 6010B	03/25-03/27/05	G60L91DK
	110	(84 - 124)	1.9	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DL
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Cobalt	98	(82 - 119)			SW846 6010B	03/25-03/27/05	G60L91DM
	100	(82 - 119)	1.8	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DN
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Antimony	110	(81 - 124)			SW846 6010B	03/25-03/27/05	G60L91DP
	112	(81 - 124)	1.7	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DQ
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Selenium	112	(71 - 140)			SW846 6010B	03/25-03/27/05	G60L91DR
	114	(71 - 140)	1.5	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DT
		Dilution Factor: 1					
		Analysis Time..: 16:53					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	100	(79 - 121)			SW846 6010B	03/25-03/28/05	G60L91DU
	102	(79 - 121)	2.1	(0-25)	SW846 6010B	03/25-03/28/05	G60L91DV
		Dilution Factor: 1					
		Analysis Time..: 21:57					
Barium	106	(85 - 120)			SW846 6010B	03/25-03/27/05	G60L91DW
	111	(85 - 120)	2.1	(0-25)	SW846 6010B	03/25-03/27/05	G60L91DX
		Dilution Factor: 1					
		Analysis Time..: 16:53					
Potassium	111	(76 - 132)			SW846 6010B	03/25-03/28/05	G60L91D0
	115	(76 - 132)	0.94	(0-25)	SW846 6010B	03/25-03/28/05	G60L91D1
		Dilution Factor: 1					
		Analysis Time..: 21:57					

MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5088098

Mercury	10 N	(85 - 114)			SW846 7470A	03/29/05	G60L91D8
	9.8 N	(85 - 114)	3.1	(0-10)	SW846 7470A	03/29/05	G60L91D9
		Dilution Factor: 1					
		Analysis Time..: 17:31					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5083612									
Boron									
	7300	1000	8250	ug/L			SW846 6010B	03/25-03/28/05	G60L91CP
			Qualifiers: NC,MSB						
	7300	1000	8380	ug/L			SW846 6010B	03/25-03/28/05	G60L91CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Manganese									
	2400	500	2840	ug/L			SW846 6010B	03/25-03/27/05	G60L91CR
			Qualifiers: NC,MSB						
	2400	500	2890	ug/L			SW846 6010B	03/25-03/27/05	G60L91CT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Sodium									
	840000	50000	892000	ug/L			SW846 6010B	03/25-03/28/05	G60L91CU
			Qualifiers: NC,MSB						
	840000	50000	905000	ug/L			SW846 6010B	03/25-03/28/05	G60L91CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Calcium									
	430000	50000	472000	ug/L			SW846 6010B	03/25-03/28/05	G60L91CW
			Qualifiers: NC,MSB						
	430000	50000	479000	ug/L			SW846 6010B	03/25-03/28/05	G60L91CX
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Magnesium									
	210000	50000	263000	ug/L			SW846 6010B	03/25-03/28/05	G60L91C0
			Qualifiers: NC,MSB						
	210000	50000	268000	ug/L			SW846 6010B	03/25-03/28/05	G60L91C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:57						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	15000	1000	15900	ug/L			SW846 6010B	03/25-03/28/05	G60L91C2
			Qualifiers: NC,MSB						
	15000	1000	16100	ug/L			SW846 6010B	03/25-03/28/05	G60L91C3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Zinc									
	90	500	547	ug/L	91		SW846 6010B	03/25-03/28/05	G60L91C4
	90	500	556	ug/L	93	1.6	SW846 6010B	03/25-03/28/05	G60L91C5
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Silver									
	1.8	50.0	60.2	ug/L	117		SW846 6010B	03/25-03/27/05	G60L91C6
	1.8	50.0	61.2	ug/L	119	1.6	SW846 6010B	03/25-03/27/05	G60L91C7
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Cadmium									
	0.59	50.0	49.9	ug/L	99		SW846 6010B	03/25-03/27/05	G60L91C8
	0.59	50.0	51.0	ug/L	101	2.2	SW846 6010B	03/25-03/27/05	G60L91C9
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Chromium									
	22	200	217	ug/L	98		SW846 6010B	03/25-03/27/05	G60L91DA
	22	200	222	ug/L	100	1.9	SW846 6010B	03/25-03/27/05	G60L91DC
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Copper									
	12	250	292	ug/L	112		SW846 6010B	03/25-03/27/05	G60L91DD
	12	250	298	ug/L	114	2.0	SW846 6010B	03/25-03/27/05	G60L91DE
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Nickel									
	94	500	589	ug/L	99		SW846 6010B	03/25-03/27/05	G60L91DF
	94	500	600	ug/L	101	1.9	SW846 6010B	03/25-03/27/05	G60L91DG
			Dilution Factor: 1						
			Analysis Time..: 16:53						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead									
	ND	500	515	ug/L	103		SW846 6010B	03/25-03/27/05	G60L91DH
	ND	500	525	ug/L	105	2.0	SW846 6010B	03/25-03/27/05	G60L91DJ
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Arsenic									
	120	2000	2260	ug/L	107		SW846 6010B	03/25-03/27/05	G60L91DK
	120	2000	2310	ug/L	110	1.9	SW846 6010B	03/25-03/27/05	G60L91DL
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Cobalt									
	20	500	511	ug/L	98		SW846 6010B	03/25-03/27/05	G60L91DM
	20	500	520	ug/L	100	1.8	SW846 6010B	03/25-03/27/05	G60L91DN
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Antimony									
	5.7	500	558	ug/L	110		SW846 6010B	03/25-03/27/05	G60L91DP
	5.7	500	568	ug/L	112	1.7	SW846 6010B	03/25-03/27/05	G60L91DQ
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Selenium									
	ND	2000	2250	ug/L	112		SW846 6010B	03/25-03/27/05	G60L91DR
	ND	2000	2280	ug/L	114	1.5	SW846 6010B	03/25-03/27/05	G60L91DT
			Dilution Factor: 1						
			Analysis Time..: 16:53						
Beryllium									
	ND	50.0	50.5	ug/L	100		SW846 6010B	03/25-03/28/05	G60L91DU
	ND	50.0	51.6	ug/L	102	2.1	SW846 6010B	03/25-03/28/05	G60L91DV
			Dilution Factor: 1						
			Analysis Time..: 21:57						
Barium									
	2700	2000	4780	ug/L	106		SW846 6010B	03/25-03/27/05	G60L91DW
	2700	2000	4880	ug/L	111	2.1	SW846 6010B	03/25-03/27/05	G60L91DX
			Dilution Factor: 1						
			Analysis Time..: 16:53						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	140000	50000	195000	ug/L	111		SW846 6010B	03/25-03/28/05	G60L91D0
	140000	50000	197000	ug/L	115	0.94	SW846 6010B	03/25-03/28/05	G60L91D1

Dilution Factor: 1
Analysis Time..: 21:57

MS Lot-Sample #: D5C240339-001 **Prep Batch #...:** 5088098

Mercury									
	ND	5.00	0.507 N	ug/L	10		SW846 7470A	03/29/05	G60L91D8
	ND	5.00	0.492 N	ug/L	9.8	3.1	SW846 7470A	03/29/05	G60L91D9

Dilution Factor: 1
Analysis Time..: 17:31

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		Work Order #: G7GWC1AA		MB Lot-Sample #:	D5D010000-235	
	ND	8.0	mg/L	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Chloride		Work Order #: G7HHV1AA		MB Lot-Sample #:	D5C290000-158	
	ND	3.0	mg/L	MCAWW 300.0A	03/28/05	5088158
		Dilution Factor: 1				
		Analysis Time..: 20:06				
Fluoride		Work Order #: G7HG51AA		MB Lot-Sample #:	D5C290000-160	
	ND	1.0	mg/L	MCAWW 300.0A	03/28/05	5088160
		Dilution Factor: 1				
		Analysis Time..: 20:06				
Free Cyanide (4500-CN-I)		Work Order #: G7FHF1AA		MB Lot-Sample #:	D5C310000-499	
	ND	0.010	mg/L	SM18 4500-CN-I	03/31/05	5090499
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Hardness, as CaCO3		Work Order #: G699C1AA		MB Lot-Sample #:	D5C290000-217	
	ND	5.0	mg/L	MCAWW 130.2	03/29/05	5088217
		Dilution Factor: 1				
		Analysis Time..: 09:45				
HEM (Oil and Grease)		Work Order #: G7MRX1AA		MB Lot-Sample #:	D5D040000-219	
	ND	5.0	mg/L	CFR136A 1664A HEM	04/03/05	5094219
		Dilution Factor: 1				
		Analysis Time..: 10:20				
Specific Conductance		Work Order #: G66301AA		MB Lot-Sample #:	D5C280000-492	
	ND	2.0	umhos/cm	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1				
		Analysis Time..: 13:30				
Sulfate		Work Order #: G7HJ31AA		MB Lot-Sample #:	D5C290000-159	
	ND	5.0	mg/L	MCAWW 300.0A	03/28/05	5088159
		Dilution Factor: 1				
		Analysis Time..: 20:06				
Total Alkalinity		Work Order #: G7EEF1AA		MB Lot-Sample #:	D5C290000-546	
	ND	5.0	mg/L	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1				
		Analysis Time..: 13:58				

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METHOD BLANK REPORT

General Chemistry

Matrix.....: WATER

Client Lot #...: D5C240339

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide	ND	Work Order #: G7FHD1AA 0.010 Dilution Factor: 1 Analysis Time..: 13:00	mg/L	MB Lot-Sample #: D5C310000-498 MCAWW 335.3	03/31/05	5090498
Total Dissolved Solids	**5.0 B**	Work Order #: G666E1AA **10** Dilution Factor: 1 Analysis Time..: 16:10	**mg/L**	MB Lot-Sample #: D5C280000-570 **MCAWW 160.1**	**03/28/05**	**5087570**
Total Organic Halogens	ND	Work Order #: G693Q1AA 30 Dilution Factor: 1 Analysis Time..: 09:00	ug/L	MB Lot-Sample #: D5C300000-133 SW846 9020B	03/29/05	5089133
Total Organic Halogens	ND	Work Order #: G693R1AA 30 Dilution Factor: 1 Analysis Time..: 09:00	ug/L	MB Lot-Sample #: D5C300000-136 SW846 9020B	03/29/05	5089136
Total Organic Carbon	ND	Work Order #: G7DV01AA 1.0 Dilution Factor: 1 Analysis Time..: 10:00	mg/L	MB Lot-Sample #: D5C310000-128 MCAWW 415.1	03/30/05	5090128
Total Organic Carbon	ND	Work Order #: G7K4Q1AA 1.0 Dilution Factor: 1 Analysis Time..: 11:00	mg/L	MB Lot-Sample #: D5D040000-172 MCAWW 415.1	04/01/05	5094172
Total Sulfide	ND	Work Order #: G68LX1AA 0.050 Dilution Factor: 1 Analysis Time..: 15:30	mg/L	MB Lot-Sample #: D5C280000-572 MCAWW 376.2	03/28/05	5087572

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C240339 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD LCS Lot-Sample#: D5D010000-235					
	109	(85 - 115)			MCAWW 410.4	03/31/05	5091235
	110	(85 - 115)	0.31	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1			Analysis Time..: 15:00		
Chloride		WO#:G7HHV1AC-LCS/G7HHV1AD-LCSD LCS Lot-Sample#: D5C290000-158					
	96	(90 - 110)			MCAWW 300.0A	03/28/05	5088158
	96	(90 - 110)	0.67	(0-10)	MCAWW 300.0A	03/28/05	5088158
		Dilution Factor: 1			Analysis Time..: 19:42		
Fluoride		WO#:G7HG51AC-LCS/G7HG51AD-LCSD LCS Lot-Sample#: D5C290000-160					
	100	(90 - 110)			MCAWW 300.0A	03/28/05	5088160
	99	(90 - 110)	0.75	(0-10)	MCAWW 300.0A	03/28/05	5088160
		Dilution Factor: 1			Analysis Time..: 19:42		
Hardness, as CaCO3		WO#:G699C1AC-LCS/G699C1AD-LCSD LCS Lot-Sample#: D5C290000-217					
	100	(96 - 108)			MCAWW 130.2	03/29/05	5088217
	98	(96 - 108)	1.5	(0-5.0)	MCAWW 130.2	03/29/05	5088217
		Dilution Factor: 1			Analysis Time..: 09:45		
HEM (Oil and Grease)		WO#:G7MRX1AC-LCS/G7MRX1AD-LCSD LCS Lot-Sample#: D5D040000-219					
	86	(85 - 101)			CFR136A 1664A HEM	04/03/05	5094219
	92	(85 - 101)	6.8	(0-47)	CFR136A 1664A HEM	04/03/05	5094219
		Dilution Factor: 1			Analysis Time..: 10:20		
Specific Conductance		WO#:G66301AC-LCS/G66301AD-LCSD LCS Lot-Sample#: D5C280000-492					
	99	(89 - 109)			MCAWW 120.1	03/28/05	5087492
	97	(89 - 109)	1.5	(0-7.0)	MCAWW 120.1	03/28/05	5087492
		Dilution Factor: 1			Analysis Time..: 13:30		
Sulfate		WO#:G7HJ31AC-LCS/G7HJ31AD-LCSD LCS Lot-Sample#: D5C290000-159					
	94	(90 - 110)			MCAWW 300.0A	03/28/05	5088159
	94	(90 - 110)	0.31	(0-10)	MCAWW 300.0A	03/28/05	5088159
		Dilution Factor: 1			Analysis Time..: 19:42		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C240339 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G7EEF1AC-LCS/G7EEF1AD-LCSD				LCS Lot-Sample#: D5C290000-546	
	100	(95 - 110)			MCAWW 310.1	03/29/05	5088546
	100	(95 - 110)	0.63	(0-10)	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1			Analysis Time..: 13:58		
Total Dissolved Solids		WO#:G666E1AC-LCS/G666E1AD-LCSD				LCS Lot-Sample#: D5C280000-570	
	98	(86 - 106)			MCAWW 160.1	03/28/05	5087570
	98	(86 - 106)	0.0	(0-20)	MCAWW 160.1	03/28/05	5087570
		Dilution Factor: 1			Analysis Time..: 16:10		
Total Organic Halogens		WO#:G693Q1AC-LCS/G693Q1AD-LCSD				LCS Lot-Sample#: D5C300000-133	
	101	(75 - 113)			SW846 9020B	03/29/05	5089133
	96	(75 - 113)	4.5	(0-30)	SW846 9020B	03/29/05	5089133
		Dilution Factor: 1			Analysis Time..: 09:00		
Total Organic Halogens		WO#:G693R1AC-LCS/G693R1AD-LCSD				LCS Lot-Sample#: D5C300000-136	
	101	(75 - 113)			SW846 9020B	03/29/05	5089136
	96	(75 - 113)	4.5	(0-30)	SW846 9020B	03/29/05	5089136
		Dilution Factor: 1			Analysis Time..: 09:00		
Total Organic Carbon		WO#:G7DV01AC-LCS/G7DV01AD-LCSD				LCS Lot-Sample#: D5C310000-128	
	104	(89 - 113)			MCAWW 415.1	03/30/05	5090128
	108	(89 - 113)	3.8	(0-10)	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1			Analysis Time..: 10:00		
Total Organic Carbon		WO#:G7K4Q1AC-LCS/G7K4Q1AD-LCSD				LCS Lot-Sample#: D5D040000-172	
	110	(89 - 113)			MCAWW 415.1	04/01/05	5094172
	101	(89 - 113)	8.2	(0-10)	MCAWW 415.1	04/01/05	5094172
		Dilution Factor: 1			Analysis Time..: 11:00		
Total Sulfide		WO#:G68LX1AC-LCS/G68LX1AD-LCSD				LCS Lot-Sample#: D5C280000-572	
	89	(82 - 117)			MCAWW 376.2	03/28/05	5087572
	90	(82 - 117)	0.59	(0-10)	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1			Analysis Time..: 15:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C240339 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#:G7GWC1AC-LCS/G7GWC1AD-LCSD			LCS Lot-Sample#: D5D010000-235		
	100	109	mg/L	109		MCAWW 410.4	03/31/05	5091235
	100	110	mg/L	110	0.31	MCAWW 410.4	03/31/05	5091235
			Dilution Factor: 1			Analysis Time..: 15:00		
Chloride			WO#:G7HHV1AC-LCS/G7HHV1AD-LCSD			LCS Lot-Sample#: D5C290000-158		
	20.0	19.3	mg/L	96		MCAWW 300.0A	03/28/05	5088158
	20.0	19.1	mg/L	96	0.67	MCAWW 300.0A	03/28/05	5088158
			Dilution Factor: 1			Analysis Time..: 19:42		
Fluoride			WO#:G7HG51AC-LCS/G7HG51AD-LCSD			LCS Lot-Sample#: D5C290000-160		
	4.00	4.00	mg/L	100		MCAWW 300.0A	03/28/05	5088160
	4.00	3.97	mg/L	99	0.75	MCAWW 300.0A	03/28/05	5088160
			Dilution Factor: 1			Analysis Time..: 19:42		
Hardness, as CaCO3			WO#:G699C1AC-LCS/G699C1AD-LCSD			LCS Lot-Sample#: D5C290000-217		
	400	399	mg/L	100		MCAWW 130.2	03/29/05	5088217
	400	393	mg/L	98	1.5	MCAWW 130.2	03/29/05	5088217
			Dilution Factor: 1			Analysis Time..: 09:45		
HEM (Oil and Grease)			WO#:G7MRX1AC-LCS/G7MRX1AD-LCSD			LCS Lot-Sample#: D5D040000-219		
	40.0	34.3	mg/L	86		CFR136A 1664A HEM	04/03/05	5094219
	40.0	36.7	mg/L	92	6.8	CFR136A 1664A HEM	04/03/05	5094219
			Dilution Factor: 1			Analysis Time..: 10:20		
Specific Conductance			WO#:G66301AC-LCS/G66301AD-LCSD			LCS Lot-Sample#: D5C280000-492		
	1410	1390	umhos/cm	99		MCAWW 120.1	03/28/05	5087492
	1410	1370	umhos/cm	97	1.5	MCAWW 120.1	03/28/05	5087492
			Dilution Factor: 1			Analysis Time..: 13:30		
Sulfate			WO#:G7HJ31AC-LCS/G7HJ31AD-LCSD			LCS Lot-Sample#: D5C290000-159		
	20.0	18.8	mg/L	94		MCAWW 300.0A	03/28/05	5088159
	20.0	18.8	mg/L	94	0.31	MCAWW 300.0A	03/28/05	5088159
			Dilution Factor: 1			Analysis Time..: 19:42		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C240339 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G7EEF1AC-LCS/G7EEF1AD-LCSD				LCS Lot-Sample#: D5C290000-546		
	200	199	mg/L	100		MCAWW 310.1	03/29/05	5088546
	200	201	mg/L	100	0.63	MCAWW 310.1	03/29/05	5088546
		Dilution Factor: 1				Analysis Time..: 13:58		
Total Dissolved Solids		WO#:G666E1AC-LCS/G666E1AD-LCSD				LCS Lot-Sample#: D5C280000-570		
	500	488	mg/L	98		MCAWW 160.1	03/28/05	5087570
	500	488	mg/L	98	0.0	MCAWW 160.1	03/28/05	5087570
		Dilution Factor: 1				Analysis Time..: 16:10		
Total Organic Halogens		WO#:G693Q1AC-LCS/G693Q1AD-LCSD				LCS Lot-Sample#: D5C300000-133		
	100	101	ug/L	101		SW846 9020B	03/29/05	5089133
	100	96.3	ug/L	96	4.5	SW846 9020B	03/29/05	5089133
		Dilution Factor: 1				Analysis Time..: 09:00		
Total Organic Halogens		WO#:G693R1AC-LCS/G693R1AD-LCSD				LCS Lot-Sample#: D5C300000-136		
	100	101	ug/L	101		SW846 9020B	03/29/05	5089136
	100	96.3	ug/L	96	4.5	SW846 9020B	03/29/05	5089136
		Dilution Factor: 1				Analysis Time..: 09:00		
Total Organic Carbon		WO#:G7DV01AC-LCS/G7DV01AD-LCSD				LCS Lot-Sample#: D5C310000-128		
	25.0	26.0	mg/L	104		MCAWW 415.1	03/30/05	5090128
	25.0	27.0	mg/L	108	3.8	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1				Analysis Time..: 10:00		
Total Organic Carbon		WO#:G7K4Q1AC-LCS/G7K4Q1AD-LCSD				LCS Lot-Sample#: D5D040000-172		
	25.0	27.4	mg/L	110		MCAWW 415.1	04/01/05	5094172
	25.0	25.3	mg/L	101	8.2	MCAWW 415.1	04/01/05	5094172
		Dilution Factor: 1				Analysis Time..: 11:00		
Total Sulfide		WO#:G68LX1AC-LCS/G68LX1AD-LCSD				LCS Lot-Sample#: D5C280000-572		
	0.187	0.167	mg/L	89		MCAWW 376.2	03/28/05	5087572
	0.187	0.168	mg/L	90	0.59	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1				Analysis Time..: 15:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Free Cyanide (4500-CN-I)		Work Order #: G7FHF1AC	LCS Lot-Sample#: D5C310000-499		
	101	(75 - 120)	SM18 4500-CN-I	03/31/05	5090499
		Dilution Factor: 1	Analysis Time..: 14:00		
Total Cyanide		Work Order #: G7FHD1AC	LCS Lot-Sample#: D5C310000-498		
	96	(89 - 109)	MCAWW 335.3	03/31/05	5090498
		Dilution Factor: 1	Analysis Time..: 13:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C240339 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Free Cyanide	(4500-CN-I)		Work Order #:	G7FHF1AC	LCS Lot-Sample#:	D5C310000-499	
	0.100	0.101	mg/L	101	SM18 4500-CN-I	03/31/05	5090499
			Dilution Factor: 1		Analysis Time..: 14:00		
Total Cyanide			Work Order #:	G7FHD1AC	LCS Lot-Sample#:	D5C310000-498	
	0.100	0.0960	mg/L	96	MCAWW 335.3	03/31/05	5090498
			Dilution Factor: 1		Analysis Time..: 13:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:00 **Date Received..:** 03/25/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002	
	114 N	(74 - 109)			MCAWW 410.4	03/31/05	5091235
	111 N	(74 - 109)	2.8	(0-11)	MCAWW 410.4	03/31/05	5091235
		Dilution Factor: 1					
		Analysis Time..: 15:00					
Chloride		WO#: G60L91EE-MS/G60L91EF-MSD				MS Lot-Sample #: D5C240339-001	
	110	(80 - 120)			MCAWW 300.0A	03/28/05	5088158
	111	(80 - 120)	0.68	(0-20)	MCAWW 300.0A	03/28/05	5088158
		Dilution Factor: 1					
		Analysis Time..: 21:07					
Fluoride		WO#: G60L91EC-MS/G60L91ED-MSD				MS Lot-Sample #: D5C240339-001	
	94	(80 - 120)			MCAWW 300.0A	03/28/05	5088160
	94	(80 - 120)	0.78	(0-20)	MCAWW 300.0A	03/28/05	5088160
		Dilution Factor: 1					
		Analysis Time..: 20:30					
Hardness, as CaCO3		WO#: G63621AL-MS/G63621AM-MSD				MS Lot-Sample #: D5C250361-019	
	101	(96 - 108)			MCAWW 130.2	03/29/05	5088218
	102	(96 - 108)	0.88	(0-5.0)	MCAWW 130.2	03/29/05	5088218
		Dilution Factor: 1					
		Analysis Time..: 09:45					
Sulfate		WO#: G60L91EG-MS/G60L91EH-MSD				MS Lot-Sample #: D5C240339-001	
	95	(80 - 120)			MCAWW 300.0A	03/28/05	5088159
	95	(80 - 120)	0.40	(0-20)	MCAWW 300.0A	03/28/05	5088159
		Dilution Factor: 1					
		Analysis Time..: 20:30					
Total Cyanide		WO#: G6T4A1AH-MS/G6T4A1AJ-MSD				MS Lot-Sample #: D5C230253-001	
	99	(78 - 120)			MCAWW 335.3	03/31/05	5090498
	97	(78 - 120)	2.0	(0-20)	MCAWW 335.3	03/31/05	5090498
		Dilution Factor: 1					
		Analysis Time..: 13:00					
Total Organic Carbon		WO#: G60N51C1-MS/G60N51C2-MSD				MS Lot-Sample #: D5C240344-002	
	124	(73 - 124)			MCAWW 415.1	03/30/05	5090128
	126 N	(73 - 124)	1.8	(0-10)	MCAWW 415.1	03/30/05	5090128
		Dilution Factor: 1					
		Analysis Time..: 10:00					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:00 **Date Received..:** 03/25/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		WO#: G7AD71AX-MS/G7AD71A0-MSD				MS Lot-Sample #: D5C300167-006	
	103	(73 - 124)			MCAWW 415.1	04/01/05	5094172
	99	(73 - 124)	3.3	(0-10)	MCAWW 415.1	04/01/05	5094172
		Dilution Factor: 1					
		Analysis Time..: 11:00					
Total Sulfide		WO#: G622R1CL-MS/G622R1CM-MSD				MS Lot-Sample #: D5C250230-001	
	9.6 N	(20 - 156)			MCAWW 376.2	03/28/05	5087572
	8.6 N	(20 - 156)	6.8	(0-30)	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1					
		Analysis Time..: 15:30					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:00 **Date Received..:** 03/25/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G7EER1AX-MS/G7EER1A0-MSD				MS Lot-Sample #: D5C310203-002		
	4.9	50.0	62.0 N	mg/L	114		MCAWW 410.4	03/31/05	5091235
	4.9	50.0	60.3 N	mg/L	111	2.8	MCAWW 410.4	03/31/05	5091235
			Dilution Factor: 1						
			Analysis Time..: 15:00						
Chloride			WO#: G60L91EE-MS/G60L91EF-MSD				MS Lot-Sample #: D5C240339-001		
	1600	2500	4380	mg/L	110		MCAWW 300.0A	03/28/05	5088158
	1600	2500	4410	mg/L	111	0.68	MCAWW 300.0A	03/28/05	5088158
			Dilution Factor: 1						
			Analysis Time..: 21:07						
Fluoride			WO#: G60L91EC-MS/G60L91ED-MSD				MS Lot-Sample #: D5C240339-001		
	0.68	25.0	24.2	mg/L	94		MCAWW 300.0A	03/28/05	5088160
	0.68	25.0	24.1	mg/L	94	0.78	MCAWW 300.0A	03/28/05	5088160
			Dilution Factor: 1						
			Analysis Time..: 20:30						
Hardness, as CaCO3			WO#: G63621AL-MS/G63621AM-MSD				MS Lot-Sample #: D5C250361-019		
	200	400	599	mg/L	101		MCAWW 130.2	03/29/05	5088218
	200	400	604	mg/L	102	0.88	MCAWW 130.2	03/29/05	5088218
			Dilution Factor: 1						
			Analysis Time..: 09:45						
Sulfate			WO#: G60L91EG-MS/G60L91EH-MSD				MS Lot-Sample #: D5C240339-001		
	5.0	125	124	mg/L	95		MCAWW 300.0A	03/28/05	5088159
	5.0	125	124	mg/L	95	0.40	MCAWW 300.0A	03/28/05	5088159
			Dilution Factor: 1						
			Analysis Time..: 20:30						
Total Cyanide			WO#: G6T4A1AH-MS/G6T4A1AJ-MSD				MS Lot-Sample #: D5C230253-001		
	ND	0.100	0.0993	mg/L	99		MCAWW 335.3	03/31/05	5090498
	ND	0.100	0.0973	mg/L	97	2.0	MCAWW 335.3	03/31/05	5090498
			Dilution Factor: 1						
			Analysis Time..: 13:00						
Total Organic Carbon			WO#: G60N51C1-MS/G60N51C2-MSD				MS Lot-Sample #: D5C240344-002		
	1.4	25.0	32.4	mg/L	124		MCAWW 415.1	03/30/05	5090128
	1.4	25.0	33.0 N	mg/L	126	1.8	MCAWW 415.1	03/30/05	5090128
			Dilution Factor: 1						
			Analysis Time..: 10:00						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C240339 **Matrix.....:** WATER
Date Sampled...: 03/23/05 11:00 **Date Received..:** 03/25/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			WO#: G7AD71AX-MS/G7AD71A0-MSD				MS Lot-Sample #: D5C300167-006		
	1.3	25.0	27.0	mg/L	103		MCAWW 415.1	04/01/05	5094172
	1.3	25.0	26.1	mg/L	99	3.3	MCAWW 415.1	04/01/05	5094172
			Dilution Factor: 1						
			Analysis Time..: 11:00						
Total Sulfide			WO#: G622R1CL-MS/G622R1CM-MSD				MS Lot-Sample #: D5C250230-001		
	0.025	0.374	0.0610	mg/L	9.6		MCAWW 376.2	03/28/05	5087572
			Qualifiers: N						
	0.025	0.374	0.0570	mg/L	8.6	6.8	MCAWW 376.2	03/28/05	5087572
			Qualifiers: N						
			Dilution Factor: 1						
			Analysis Time..: 15:30						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240339 **Work Order #...:** G64X2-SMP G64X2-DUP **Matrix.....:** WATER

Date Sampled...: 03/25/05 13:30 **Date Received..:** 03/26/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Conductance						SD Lot-Sample #: D5C260131-001		
	26000	28000	umhos/cm	5.5	(0-7.0)	MCAWW 120.1	03/28/05	5087492

Dilution Factor: 1 Analysis Time..: 13:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240339 **Work Order #...:** G624G-SMP G624G-DUP **Matrix.....:** WATER

Date Sampled...: 03/23/05 15:32 **Date Received..:** 03/25/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D5C250230-005		
	2100 J	2100	mg/L	1.2	(0-20)	MCAWW 160.1	03/28/05	5087570
			Dilution Factor: 1			Analysis Time..: 16:10		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240339 **Work Order #...:** G66HP-SMP G66HP-DUP **Matrix.....:** WATER

Date Sampled...: 03/24/05 15:15 **Date Received..:** 03/28/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D5C280159-004	
	1200	1200	mg/L	1.8	(0-10)	MCAWW 310.1	03/29/05	5088546

Dilution Factor: 1 Analysis Time..: 13:58

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C240339 **Work Order #...:** G60L9-SMP G60L9-DUP **Matrix.....:** WATER

Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Free Cyanide (4500-CN-I)						SD Lot-Sample #: D5C240339-001		
	ND	ND	mg/L	0	(0-24)	SM18 4500-CN-I	03/31/05	5090499

Dilution Factor: 1 Analysis Time..: 14:00

Chain of Custody Record

3.4, 2.9
BV
3-24-05

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
SCS ENGINEERS	TINA S.	3/23/05	313991

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
3900 KILROY AIRPORT WAY #100			

City	State	Zip Code	Site Contact	Lab Contact
Long Beach	CA	90806		Betsy Farnan

Project Name and Location (State)	Carrier/Waybill Number
Bradley	

Contract/Purchase Order/Quote No.: 234 25662-A

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Matrix: Aqueous	Matrix: Sed.	Matrix: Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Cond/TDS	Cl/Sulfate	COD/TOC	T. CN	Hardness	TOX	Alk	Metals (tot)	Free CO2	T. Sulfides	BNA	OG	VIA	Special Instructions/ Conditions of Receipt
~~Sump "B"~~																										
Sump "B"	3/23/05	1130		X			3	4	1	3	1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
Sump "D"	3/23/05	1230		X			3	4	1	3	1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
Sump "F"	3/23/05	1330		X			3	4	1	3	1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Mario Quen	3/23/05	1600	1. Received By: [signature]	3-24-05	9:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 234

Bradley LF

Lot #: D5C220239

Sump "E"

Doug Corcoran

Waste Mgmt. Disp. Serv. of CA
9081 Tujunga
Sun Valley, CA 91352

Cc: Tina Schmiesing

STL DENVER
California Certification # 2513

Betsy Farnaus
Project Manager

April 7, 2005

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- **Executive Summary – Detection Highlights**
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- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for one sample received at STL's Denver laboratory on March 22, 2005. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than STL Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require. Please contact STL Denver for more details.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D5C220239

Sample Receiving

- The cooler temperature upon receipt at the Denver laboratory was 5.2°C.
- All three vials contained approximately 6 mm of headspace for the sample SUMP "E". The client was notified.
- The lid on the bottle for Total Organic Halogens (TOX) was cracked and therefore, contamination was possible, however sufficient volume remained in a remaining 500-ml sulfuric acid preserved amber bottle for TOX analysis. The client was notified.
- All other sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Method Blanks

- Total Dissolved Solids (TDS) Method 160.1 was detected in the Method Blank at the project established reporting limit, however the sample SUMP "E" had a level of TDS greater than ten times the Method Blank value, and therefore, corrective action was deemed unnecessary.

- Total Manganese, Total Zinc Method 6010B, Chemical Oxygen Demand (COD) Method 410.4, HEM (Oil and Grease) Method 1664A HEM, Total Alkalinity Method 310.1, and Total Organic Carbon (TOC) Method 415.1 were detected in the Method Blanks at levels below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

- All other Method Blanks were within established control limits.

Laboratory Control Samples

- All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

- The method required MS/MSD could not be performed for Method 8270C due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

- Sample SUMP "E" was selected to fulfill the laboratory batch quality control requirements for Method 6010B and Method 300.0A. Analysis of the laboratory generated MS/MSD for this sample provided recoveries of Total Cadmium, Total Nickel, Total Selenium, and Sulfate below the lower control limits indicating the possible presence of a matrix interference.

- The percent recoveries of the MS/MSD and/or the relative percent difference were not calculated for Total Boron, Total Manganese, Total Sodium, Total Calcium, Total Magnesium, Total Iron, Total Zinc, and Total Potassium during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

- The method required MS/MSD could not be performed for Method 1664A HEM due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- The Matrix Spike and Matrix Spike Duplicate performed on an unrelated sample exhibited MS and MSD recoveries outside control limits for Total Sulfide Method 376.2. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

- Due to the result concentration exceeding the calibration range the MS/MSD results for Chloride Method 300.0A are estimated.

- All other MS and MSD samples were within established control limits.

Organics

- The Method 8260B reporting limits for the sample SUMP "E" are elevated due to high levels of target analytes.

- The reporting limits for sample SUMP "E" Method 8270C were elevated due to high levels of non-target analytes. In addition, the surrogate recoveries for sample SUMP "E" were not calculated due to these dilutions performed on the sample.

- During the Method 8270C extraction process, sample SUMP "E" required 28 mL of acid to adjust the pH to 2.

Lot #: D5C220239

Inorganics

- Due to matrix interference, the normal mercury preparation procedure was ineffective for sample SUMP "E". When purple potassium permanganate reagent was added and the samples were vortexed, the purple color rapidly faded, indicating oxidizing conditions were not maintained. As a result, the sample was diluted 10-fold prior to sample preparation.

EXECUTIVE SUMMARY - Detection Highlights

D5C220239

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUMP "E" 03/21/05 12:30 001				
Silver	3.3 B	50	ug/L	SW846 6010B
Cadmium	110	25	ug/L	SW846 6010B
Lead	170	15	ug/L	SW846 6010B
Arsenic	110	30	ug/L	SW846 6010B
Cobalt	170	50	ug/L	SW846 6010B
Antimony	32 B	50	ug/L	SW846 6010B
Selenium	42	25	ug/L	SW846 6010B
Boron	34000	500	ug/L	SW846 6010B
Manganese	58000 J	50	ug/L	SW846 6010B
Sodium	4000000	25000	ug/L	SW846 6010B
Calcium	4300000	1000	ug/L	SW846 6010B
Magnesium	1200000	1000	ug/L	SW846 6010B
Iron	3400000	2500	ug/L	SW846 6010B
Zinc	65000 J	100	ug/L	SW846 6010B
Chromium	480	50	ug/L	SW846 6010B
Copper	37 B	50	ug/L	SW846 6010B
Nickel	570	200	ug/L	SW846 6010B
Barium	610	500	ug/L	SW846 6010B
Potassium	2700000	25000	ug/L	SW846 6010B
3-Methylphenol & 4-Methylphenol	14000	9000	ug/L	SW846 8270C
Phenol	30000	9000	ug/L	SW846 8270C
Acetone	3300 J	3400	ug/L	SW846 8260B
Toluene	47 J	100	ug/L	SW846 8260B
2-Butanone (MEK)	1900	1000	ug/L	SW846 8260B
Specific Conductance	36000	2.0	umhos/cm	MCAWW 120.1
Hardness, as CaCO3	14000 Q	500	mg/L	MCAWW 130.2
Total Dissolved Solids	55000 J,Q	100	mg/L	MCAWW 160.1
Chloride	4800 Q	600	mg/L	MCAWW 300.0A
Sulfate	8900 Q	1000	mg/L	MCAWW 300.0A
Total Organic Carbon	32000 J,Q	1300	mg/L	MCAWW 415.1
Total Organic Carbon	31000 J,Q	1300	mg/L	MCAWW 415.1
HEM (Oil and Grease)	47 J	5.0	mg/L	CFR136A 1664A HEM
Total Organic Halogens	1200 Q	750	ug/L	SW846 9020B
Total Organic Halogens	1200 Q	750	ug/L	SW846 9020B
Total Organic Halogens	1100 Q	750	ug/L	SW846 9020B
Total Organic Halogens	1100 Q	750	ug/L	SW846 9020B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D5C220239

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUMP "E" 03/21/05 12:30 001				
Total Sulfide	7.0 Q	2.5	mg/L	MCAWW 376.2
Bicarbonate, as CaCO3	15000 Q	66	mg/L	MCAWW 310.1
Total Alkalinity	15000 J,Q	66	mg/L	MCAWW 310.1
Total Cyanide	0.010	0.010	mg/L	MCAWW 335.3
Chemical Oxygen Demand (COD)	96000 J,Q	8000	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D5C220239

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	MCAWW 335.3	MCAWW 335.3
Distillation procedure	SM18 4500CN-E	SM18 4500-CN-I
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Separatory Funnel	CFR136A 1664	CFR136A 1664A H
Specific Conductance	MCAWW 120.1	MCAWW 120.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfide, no preparation	MCAWW 376.2	MCAWW 376.2
Total Hardness	MCAWW 130.2	MCAWW 130.2
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Organic Halogens	SW846 9020B	SW846 9020B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D5C220239

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1
Fluoride	MCAWW 300.0A
Free Cyanide (4500-CN-I) Free Cyanide (4500-CN-I)	SM18 4500-CN-I
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
N-Hexane Extractable Material (1664A)	CFR136A 1664A HEM
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Specific Conductance	MCAWW 120.1
Sulfate	MCAWW 300.0A
Sulfide (Colorimetric,MB)	MCAWW 376.2
Total Cyanide	MCAWW 335.3
Total Hardness (Titrimetric, EDTA)	MCAWW 130.2
Total Organic Carbon	MCAWW 415.1
Total Organic Halogens	SW846 9020B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5C220239

ANALYTICAL METHOD	ANALYST	ANALYST ID
CFR136A 1664A HEM	Yupanqui Caldas	000999
MCAWW 120.1	Fougere M. Danielle	006481
MCAWW 130.2	Fougere M. Danielle	006481
MCAWW 160.1	David Kendall	002164
MCAWW 300.0A	Andrita Scofield	004409
MCAWW 310.1	Maria Fayard	002596
MCAWW 335.3	Ewa Kudla	001167
MCAWW 376.2	Maria Fayard	002596
MCAWW 410.4	Dave Elkin	000901
MCAWW 415.1	Nicole Dean	008504
SM18 4500-CN-I	Ewa Kudla	001167
SW846 6010B	Janel Motichka	002862
SW846 6010B	Lynn-Anne Trudell	006645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Heather Despres	009250
SW846 8270C	Mike G. Hoffman	001880
SW846 9020B	Dave Elkin	000901

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5C220239

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G6QFA	001	SUMP "E"	03/21/05	12:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: SUMP "E"

GC/MS Volatiles

Lot-Sample #...: D5C220239-001 **Work Order #...:** G6QFA1CN **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05
Prep Date.....: 03/30/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5090495 **Analysis Time..:** 12:48
Dilution Factor: 100

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3300 J**	**3400**	**ug/L**	**400**
Acrylonitrile	ND	10000	ug/L	230
Benzene	ND	100	ug/L	15
Bromochloromethane	ND	1000	ug/L	20
Bromodichloromethane	ND	500	ug/L	15
Bromoform	ND	500	ug/L	33
Bromomethane	ND	1000	ug/L	26
Carbon disulfide	ND	500	ug/L	27
Carbon tetrachloride	ND	50	ug/L	19
Chlorobenzene	ND	500	ug/L	19
Dibromochloromethane	ND	500	ug/L	12
Chloroethane	ND	1000	ug/L	31
Chloroform	ND	500	ug/L	15
Chloromethane	ND	1000	ug/L	25
Dibromomethane	ND	1000	ug/L	13
1,2-Dichlorobenzene	ND	1000	ug/L	25
1,4-Dichlorobenzene	ND	1000	ug/L	20
trans-1,4-Dichloro-2-butene	ND	1000	ug/L	29
Dichlorodifluoromethane	ND	1000	ug/L	26
1,1-Dichloroethane	ND	500	ug/L	24
1,2-Dichloroethane	ND	500	ug/L	12
1,1-Dichloroethene	ND	100	ug/L	27
cis-1,2-Dichloroethene	ND	1000	ug/L	14
trans-1,2-Dichloroethene	ND	1000	ug/L	17
1,2-Dichloropropane	ND	500	ug/L	17
cis-1,3-Dichloropropene	ND	500	ug/L	12
trans-1,3-Dichloropropene	ND	500	ug/L	15
Ethylbenzene	ND	500	ug/L	22
Trichlorofluoromethane	ND	1000	ug/L	33
2-Hexanone	ND	500	ug/L	38
Iodomethane	ND	1000	ug/L	29
Methylene chloride	ND	500	ug/L	26
4-Methyl-2-pentanone	ND	1000	ug/L	74
Styrene	ND	500	ug/L	17
1,1,1,2-Tetrachloroethane	ND	500	ug/L	17
1,1,2,2-Tetrachloroethane	ND	500	ug/L	16
Tetrachloroethene	ND	500	ug/L	20

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Waste Management, Inc.

Client Sample ID: SUMP "E"

GC/MS Volatiles

Lot-Sample #...: D5C220239-001 **Work Order #...:** G6QFA1CN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	**47 J**	**100**	**ug/L**	**17**
1,1,1-Trichloroethane	ND	500	ug/L	18
1,1,2-Trichloroethane	ND	500	ug/L	24
Trichloroethene	ND	500	ug/L	19
1,2,3-Trichloropropane	ND	1000	ug/L	26
Vinyl acetate	ND	1000	ug/L	80
Vinyl chloride	ND	100	ug/L	28
Xylenes (total)	ND	1000	ug/L	45
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	ug/L	63
1,2-Dibromoethane (EDB)	ND	100	ug/L	20
2-Butanone (MEK)	**1900**	**1000**	**ug/L**	**42**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 118)
1,2-Dichloroethane-d4	99	(62 - 128)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	104	(77 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "E"

GC/MS Semivolatiles

Lot-Sample #...: D5C220239-001 **Work Order #...:** G6QFA1CD **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05
Prep Date.....: 03/25/05 **Analysis Date..:** 04/04/05
Prep Batch #...: 5084394 **Analysis Time..:** 21:29
Dilution Factor: 900

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9000	ug/L	1500
Acenaphthylene	ND	9000	ug/L	1600
Acetophenone	ND	9000	ug/L	1800
2-Acetylaminofluorene	ND	90000	ug/L	1800
4-Aminobiphenyl	ND	45000	ug/L	1800
Anthracene	ND	9000	ug/L	1700
Benzo(a)anthracene	ND	9000	ug/L	1500
Benzo(b)fluoranthene	ND	9000	ug/L	1300
Benzo(k)fluoranthene	ND	9000	ug/L	1900
Benzo(ghi)perylene	ND	9000	ug/L	1800
Benzo(a)pyrene	ND	9000	ug/L	1200
Benzyl alcohol	ND	9000	ug/L	6700
bis(2-Chloroethoxy) methane	ND	9000	ug/L	1300
bis(2-Chloroethyl)- ether	ND	9000	ug/L	1600
bis(2-Ethylhexyl) phthalate	ND	9000	ug/L	1300
4-Bromophenyl phenyl ether	ND	9000	ug/L	1900
Butyl benzyl phthalate	ND	9000	ug/L	1500
4-Chloroaniline	ND	9000	ug/L	6800
Chlorobenzilate	ND	9000	ug/L	1800
4-Chloro-3-methylphenol	ND	9000	ug/L	1200
2-Chloronaphthalene	ND	9000	ug/L	1500
2-Chlorophenol	ND	9000	ug/L	1500
4-Chlorophenyl phenyl ether	ND	9000	ug/L	1800
Chrysene	ND	9000	ug/L	1800
Diallate	ND	18000	ug/L	1800
Dibenz(a,h)anthracene	ND	9000	ug/L	1300
Dibenzofuran	ND	9000	ug/L	1500
Di-n-butyl phthalate	ND	9000	ug/L	1700
3,3'-Dichlorobenzidine	ND	45000	ug/L	570
2,4-Dichlorophenol	ND	9000	ug/L	1200
2,6-Dichlorophenol	ND	9000	ug/L	1800
Diethyl phthalate	ND	9000	ug/L	1600
Dimethoate	ND	18000	ug/L	1800

(Continued on next page)

Waste Management, Inc.

Client Sample ID: SUMP "E"

GC/MS Semivolatiles

Lot-Sample #...: D5C220239-001 **Work Order #...:** G6QFA1CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Dimethylaminoazobenzene	ND	18000	ug/L	1800
7,12-Dimethylbenz(a)-anthracene	ND	18000	ug/L	2700
3,3'-Dimethylbenzidine	ND	18000	ug/L	3600
2,4-Dimethylphenol	ND	9000	ug/L	1300
Dimethyl phthalate	ND	9000	ug/L	1500
1,3-Dinitrobenzene	ND	9000	ug/L	1800
4,6-Dinitro-2-methylphenol	ND	45000	ug/L	8800
2,4-Dinitrophenol	ND	45000	ug/L	9000
2,4-Dinitrotoluene	ND	9000	ug/L	1600
2,6-Dinitrotoluene	ND	9000	ug/L	1400
Dinoseb	ND	9000	ug/L	1800
Di-n-octyl phthalate	ND	9000	ug/L	990
Diphenylamine	ND	9000	ug/L	1800
Disulfoton	ND	45000	ug/L	1800
Ethyl methanesulfonate	ND	9000	ug/L	1800
Famphur	ND	180000	ug/L	8100
Fluoranthene	ND	9000	ug/L	1600
Fluorene	ND	9000	ug/L	1500
Hexachlorobenzene	ND	9000	ug/L	1900
Hexachlorobutadiene	ND	9000	ug/L	1200
Hexachlorocyclopenta-diene	ND	45000	ug/L	4500
Hexachloroethane	ND	9000	ug/L	1300
Hexachloropropene	ND	90000	ug/L	900
Indeno(1,2,3-cd)pyrene	ND	9000	ug/L	1400
Isodrin	ND	9000	ug/L	4500
Isophorone	ND	9000	ug/L	1400
Isosafrole	ND	18000	ug/L	2700
Methapyrilene	ND	45000	ug/L	18000
3-Methylcholanthrene	ND	18000	ug/L	900
Methyl methanesulfonate	ND	9000	ug/L	1800
2-Methylnaphthalene	ND	9000	ug/L	1400
Methyl parathion	ND	45000	ug/L	1800
2-Methylphenol	ND	9000	ug/L	1300
3-Methylphenol & 4-Methylphenol	**14000**	**9000**	**ug/L**	**1400**
Naphthalene	ND	9000	ug/L	1400
1,4-Naphthoquinone	ND	45000	ug/L	1800
1-Naphthylamine	ND	9000	ug/L	900
2-Naphthylamine	ND	9000	ug/L	900
2-Nitroaniline	ND	45000	ug/L	1200

(Continued on next page)

Waste Management, Inc.

Client Sample ID: SUMP "E"

GC/MS Semivolatiles

Lot-Sample #...: D5C220239-001 **Work Order #...:** G6QFA1CD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Nitroaniline	ND	45000	ug/L	3200
4-Nitroaniline	ND	45000	ug/L	2100
Nitrobenzene	ND	9000	ug/L	1100
2-Nitrophenol	ND	9000	ug/L	1400
4-Nitrophenol	ND	45000	ug/L	9900
N-Nitrosodi-n-butylamine	ND	9000	ug/L	1800
N-Nitrosodiethylamine	ND	9000	ug/L	1800
N-Nitrosodimethylamine	ND	9000	ug/L	1400
N-Nitrosodiphenylamine	ND	9000	ug/L	2300
N-Nitrosodi-n-propyl-amine	ND	9000	ug/L	1300
N-Nitrosomethylethylamine	ND	9000	ug/L	1800
N-Nitrosopiperidine	ND	9000	ug/L	1800
N-Nitrosopyrrolidine	ND	9000	ug/L	1800
5-Nitro-o-toluidine	ND	18000	ug/L	1800
2,2'-oxybis(1-Chloropropane)	ND	9000	ug/L	1300
Parathion	ND	45000	ug/L	1800
Pentachlorobenzene	ND	9000	ug/L	1800
Pentachloronitrobenzene	ND	45000	ug/L	1800
Pentachlorophenol	ND	45000	ug/L	9000
Phenacetin	ND	18000	ug/L	1800
Phenanthrene	ND	9000	ug/L	1800
Phenol	**30000**	**9000**	**ug/L**	**1300**
4-Phenylenediamine	ND	90000	ug/L	4500
Phorate	ND	45000	ug/L	1800
Pronamide	ND	18000	ug/L	1800
Pyrene	ND	9000	ug/L	1900
Safrole	ND	45000	ug/L	1800
1,2,4,5-Tetrachloro-benzene	ND	9000	ug/L	1800
2,3,4,6-Tetrachlorophenol	ND	45000	ug/L	1800
Thionazin	ND	9000	ug/L	1800
o-Toluidine	ND	9000	ug/L	1800
1,2,4-Trichloro-benzene	ND	9000	ug/L	1400
2,4,5-Trichloro-phenol	ND	9000	ug/L	1400
2,4,6-Trichloro-phenol	ND	9000	ug/L	1400
O,O,O-Triethylphosphoro-thioate	ND	45000	ug/L	1800
1,3,5-Trinitrobenzene	ND	45000	ug/L	1800

(Continued on next page)

Waste Management, Inc.

Client Sample ID: SUMP "E"

GC/MS Semivolatiles

Lot-Sample #...: D5C220239-001 **Work Order #...:** G6QFA1CD **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	NC,DIL	(33 - 106)
Phenol-d5	NC,DIL	(40 - 105)
Nitrobenzene-d5	NC,DIL	(48 - 108)
2-Fluorobiphenyl	NC,DIL	(39 - 93)
2,4,6-Tribromophenol	NC,DIL	(31 - 122)
Terphenyl-d14	NC,DIL	(20 - 123)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Waste Management, Inc.

Client Sample ID: SUMP "E"

TOTAL Metals

Lot-Sample #...: D5C220239-001 Matrix.....: WATER
Date Sampled...: 03/21/05 12:30 Date Received..: 03/22/05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 5082547						
Boron	34000	500	ug/L	SW846 6010B	03/29-03/30/05	G6QFA1AU
		Dilution Factor: 5		Analysis Time..: 08:39	MDL.....: 65	
Manganese	58000 J	50	ug/L	SW846 6010B	03/24/05	G6QFA1AV
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 9.5	
Sodium	4000000	25000	ug/L	SW846 6010B	03/29-03/30/05	G6QFA1AW
		Dilution Factor: 5		Analysis Time..: 08:39	MDL.....: 7000	
Calcium	4300000	1000	ug/L	SW846 6010B	03/29-03/30/05	G6QFA1AX
		Dilution Factor: 5		Analysis Time..: 08:39	MDL.....: 480	
Magnesium	1200000	1000	ug/L	SW846 6010B	03/29-03/30/05	G6QFA1A0
		Dilution Factor: 5		Analysis Time..: 08:39	MDL.....: 85	
Iron	3400000	2500	ug/L	SW846 6010B	03/29-03/30/05	G6QFA1A1
		Dilution Factor: 25		Analysis Time..: 10:22	MDL.....: 700	
Zinc	65000 J	100	ug/L	SW846 6010B	03/24/05	G6QFA1A2
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 24	
Silver	3.3 B	50	ug/L	SW846 6010B	03/24/05	G6QFA1A4
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 1.8	
Cadmium	110	25	ug/L	SW846 6010B	03/24/05	G6QFA1A5
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 1.9	
Chromium	480	50	ug/L	SW846 6010B	03/24/05	G6QFA1A6
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 6.0	
Copper	37 B	50	ug/L	SW846 6010B	03/24/05	G6QFA1A7
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 8.0	
Nickel	570	200	ug/L	SW846 6010B	03/24/05	G6QFA1A8
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 10	
Lead	170	15	ug/L	SW846 6010B	03/24/05	G6QFA1A9
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 7.5	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: SUMP "E"

TOTAL Metals

Lot-Sample #...: D5C220239-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	**110**	**30**	**ug/L**	**SW846 6010B**	**03/24/05**	**G6QFA1CC**
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 17	
Cobalt	**170**	**50**	**ug/L**	**SW846 6010B**	**03/24/05**	**G6QFA1CE**
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 4.6	
Antimony	**32 B**	**50**	**ug/L**	**SW846 6010B**	**03/24/05**	**G6QFA1CF**
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 16	
Selenium	**42**	**25**	**ug/L**	**SW846 6010B**	**03/24/05**	**G6QFA1CG**
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 16	
Beryllium	ND	25	ug/L	SW846 6010B	03/24/05	G6QFA1CJ
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 4.2	
Barium	**610**	**500**	**ug/L**	**SW846 6010B**	**03/24/05**	**G6QFA1CK**
		Dilution Factor: 5		Analysis Time..: 21:03	MDL.....: 10	
Potassium	**2700000**	**25000**	**ug/L**	**SW846 6010B**	**03/29-03/30/05**	**G6QFA1CL**
		Dilution Factor: 5		Analysis Time..: 08:39	MDL.....: 1200	

Prep Batch #...: 5083389

Mercury	ND	2.0	ug/L	SW846 7470A	03/28/05	G6QFA1CH
		Dilution Factor: 10		Analysis Time..: 16:40	MDL.....: 0.44	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: SUMP "E"

General Chemistry

Lot-Sample #...: D5C220239-001 Work Order #...: G6QFA Matrix.....: WATER
Date Sampled...: 03/21/05 12:30 Date Received..: 03/22/05

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO 3	15000 Q	66	mg/L	MCAWW 310.1	03/29/05	5088512
	Dilution Factor: 13.3			Analysis Time..: 15:15	MDL.....: 11	
Chemical Oxygen Demand (COD)	96000 J,Q	8000	mg/L	MCAWW 410.4	04/04/05	5094550
	Dilution Factor: 1000			Analysis Time..: 13:30	MDL.....: 4000	
Chloride	4800 Q	600	mg/L	MCAWW 300.0A	03/28-03/29/05	5088228
	Dilution Factor: 200			Analysis Time..: 03:32	MDL.....: 20	
Fluoride	ND G	200	mg/L	MCAWW 300.0A	03/28-03/29/05	5088230
	Dilution Factor: 200			Analysis Time..: 03:32	MDL.....: 20	
Free Cyanide (4500-C N-I)	ND G	0.050	mg/L	SM18 4500-CN-I	03/31/05	5090499
	Dilution Factor: 5			Analysis Time..: 14:00	MDL.....: 0.014	
Hardness, as CaCO3	14000 Q	500	mg/L	MCAWW 130.2	03/29/05	5088217
	Dilution Factor: 100			Analysis Time..: 09:45	MDL.....: 200	
HEM (Oil and Grease)	47 J	5.0	mg/L	CFR136A 1664A HEM	03/30/05	5090463
	Dilution Factor: 1			Analysis Time..: 12:00	MDL.....: 0.72	
Specific Conductance	36000	2.0	umhos/cm	MCAWW 120.1	03/24/05	5083474
	Dilution Factor: 1			Analysis Time..: 12:30	MDL.....:	
Sulfate	8900 Q	1000	mg/L	MCAWW 300.0A	03/28-03/29/05	5088229
	Dilution Factor: 200			Analysis Time..: 03:32	MDL.....: 20	
Total Alkalinity	15000 J,Q	66	mg/L	MCAWW 310.1	03/29/05	5088514
	Dilution Factor: 13.3			Analysis Time..: 15:15	MDL.....: 11	
Total Cyanide	0.010	0.010	mg/L	MCAWW 335.3	03/29/05	5088484
	Dilution Factor: 1			Analysis Time..: 14:00	MDL.....: 0.0028	
Total Dissolved Solids	55000 J,Q	100	mg/L	MCAWW 160.1	03/28/05	5087553
	Dilution Factor: 10			Analysis Time..: 12:30	MDL.....: 36	

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Waste Management, Inc.

Client Sample ID: SUMP "E"

General Chemistry

Lot-Sample #...: D5C220239-001 **Work Order #...:** G6QFA **Matrix.....:** WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	32000 J,Q	1300	mg/L	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1300		Analysis Time..: 10:00	MDL.....: 350	
Total Organic Carbon 2	31000 J,Q	1300	mg/L	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1300		Analysis Time..: 10:00	MDL.....: 350	
Total Organic Halogens	1200 Q	750	ug/L	SW846 9020B	03/28/05	5088436
		Dilution Factor: 25		Analysis Time..: 11:00	MDL.....: 190	
Total Organic Halogens 2	1200 Q	750	ug/L	SW846 9020B	03/28/05	5088436
		Dilution Factor: 25		Analysis Time..: 11:00	MDL.....: 190	
Total Organic Halogens 3	1100 Q	750	ug/L	SW846 9020B	03/28/05	5088436
		Dilution Factor: 25		Analysis Time..: 11:00	MDL.....: 190	
Total Organic Halogens 4	1100 Q	750	ug/L	SW846 9020B	03/28/05	5088436
		Dilution Factor: 25		Analysis Time..: 11:00	MDL.....: 190	
Total Sulfide	7.0 Q	2.5	mg/L	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 50		Analysis Time..: 15:30	MDL.....: 0.10	

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

QC DATA ASSOCIATION SUMMARY

D5C220239

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 120.1		5083474	5083289
	WATER	MCAWW 130.2		5088217	5089104
	WATER	MCAWW 160.1		5087553	5087306
	WATER	MCAWW 300.0A		5088228	5088229
	WATER	MCAWW 300.0A		5088229	5088239
	WATER	MCAWW 300.0A		5088230	5088228
	WATER	MCAWW 415.1		5090120	5090123
	WATER	SM18 4500-CN-I		5090499	5090317
	WATER	CFR136A 1664A HEM		5090463	
	WATER	SW846 9020B		5088436	5088218
	WATER	SW846 7470A		5083389	5083308
	WATER	SW846 8260B		5090495	5090315
	WATER	SW846 8270C		5084394	
	WATER	SW846 6010B		5082547	5082309
	WATER	MCAWW 376.2		5087572	5088184
	WATER	MCAWW 310.1		5088512	
	WATER	MCAWW 310.1		5088514	5089079
	WATER	MCAWW 335.3		5088484	5088243
	WATER	MCAWW 410.4		5094550	5094317

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C220239 **Work Order #...:** G7FGM1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C310000-495
Prep Date.....: 03/30/05 **Analysis Time..:** 09:38
Analysis Date..: 03/30/05 **Prep Batch #...:** 5090495
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	34	ug/L	SW846 8260B
Acrylonitrile	ND	100	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	10	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D5C220239 **Work Order #...:** G7FGM1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichloroethene	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	10	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	10	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 118)
1,2-Dichloroethane-d4	98	(62 - 128)
4-Bromofluorobenzene	89	(78 - 118)
Toluene-d8	99	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C220239 **Work Order #...:** G7FGM1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C310000-495
Prep Date.....: 03/30/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5090495 **Analysis Time..:** 08:59
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**114**	**(66 - 132)**	**SW846 8260B**
Benzene	**98**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**105**	**(78 - 118)**	**SW846 8260B**
Toluene	**103**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**99**	**(79 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 118)
1,2-Dichloroethane-d4	97	(62 - 128)
4-Bromofluorobenzene	89	(78 - 118)
Toluene-d8	103	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C220239 **Work Order #...:** G7FGM1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C310000-495
Prep Date.....: 03/30/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5090495 **Analysis Time..:** 08:59
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.4**	**ug/L**	**114**	**SW846 8260B**
Benzene	**10.0**	**9.79**	**ug/L**	**98**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.5**	**ug/L**	**105**	**SW846 8260B**
Toluene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Trichloroethene	**10.0**	**9.94**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 118)
1,2-Dichloroethane-d4	97	(62 - 128)
4-Bromofluorobenzene	89	(78 - 118)
Toluene-d8	103	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D5C220239 **Work Order #...:** G61961AW-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C250161-002 G61961AX-MSD
Date Sampled...: 03/23/05 09:20 **Date Received..:** 03/24/05
Prep Date.....: 03/30/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5090495 **Analysis Time..:** 11:28
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**105**	**(66 - 132)**			**SW846 8260B**
	107	**(66 - 132)**	**1.2**	**(0-26)**	**SW846 8260B**
Benzene	**91**	**(75 - 120)**			**SW846 8260B**
	93	**(75 - 120)**	**2.3**	**(0-21)**	**SW846 8260B**
Chlorobenzene	**95**	**(78 - 118)**			**SW846 8260B**
	97	**(78 - 118)**	**1.6**	**(0-20)**	**SW846 8260B**
Toluene	**89**	**(78 - 118)**			**SW846 8260B**
	92	**(78 - 118)**	**3.4**	**(0-22)**	**SW846 8260B**
Trichloroethene	**94**	**(79 - 122)**			**SW846 8260B**
	96	**(79 - 122)**	**2.7**	**(0-23)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 118)
	107	(73 - 118)
1,2-Dichloroethane-d4	99	(62 - 128)
	100	(62 - 128)
4-Bromofluorobenzene	89	(78 - 118)
	89	(78 - 118)
Toluene-d8	95	(77 - 117)
	95	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D5C220239 **Work Order #...:** G61961AW-MS **Matrix.....:** WATER
MS Lot-Sample #: D5C250161-002 G61961AX-MSD
Date Sampled...: 03/23/05 09:20 **Date Received..:** 03/24/05
Prep Date.....: 03/30/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5090495 **Analysis Time..:** 11:28
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**10.7**	**ug/L**	**107**	**1.2**	**SW846 8260B**
Benzene	**ND**	**10.0**	**9.09**	**ug/L**	**91**		**SW846 8260B**
	ND	**10.0**	**9.30**	**ug/L**	**93**	**2.3**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.55**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**9.71**	**ug/L**	**97**	**1.6**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.94**	**ug/L**	**89**		**SW846 8260B**
	ND	**10.0**	**9.25**	**ug/L**	**92**	**3.4**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**9.37**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**9.63**	**ug/L**	**96**	**2.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 118)
	107	(73 - 118)
1,2-Dichloroethane-d4	99	(62 - 128)
	100	(62 - 128)
4-Bromofluorobenzene	89	(78 - 118)
	89	(78 - 118)
Toluene-d8	95	(77 - 117)
	95	(77 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220239 **Work Order #...:** G632K1AA **Matrix.....:** WATER
MB Lot-Sample #: D5C250000-394

Prep Date.....: 03/25/05 **Analysis Time..:** 12:03
Analysis Date..: 04/01/05 **Prep Batch #...:** 5084394
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220239 **Work Order #...:** G632K1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220239 **Work Order #...:** G632K1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(33 - 106)
Phenol-d5	80	(40 - 105)
Nitrobenzene-d5	77	(48 - 108)
2-Fluorobiphenyl	77	(39 - 93)
2,4,6-Tribromophenol	76	(31 - 122)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220239 **Work Order #...:** G632K1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	93	(20 - 123)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220239 **Work Order #...:** G632K1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-394
Prep Date.....: 03/25/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5084394 **Analysis Time..:** 23:32
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**74**	**(52 - 102)**	**SW846 8270C**
1,4-Dichlorobenzene	**67**	**(43 - 91)**	**SW846 8270C**
4-Chloro-3-methylphenol	**73**	**(59 - 106)**	**SW846 8270C**
2-Chlorophenol	**76**	**(59 - 103)**	**SW846 8270C**
2,4-Dinitrotoluene	**78**	**(50 - 111)**	**SW846 8270C**
4-Nitrophenol	**77**	**(38 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**70**	**(51 - 99)**	**SW846 8270C**
Pentachlorophenol	**95**	**(41 - 113)**	**SW846 8270C**
Phenol	**74**	**(57 - 103)**	**SW846 8270C**
Pyrene	**84**	**(47 - 112)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**70**	**(42 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	77	(55 - 100)
2-Fluorobiphenyl	72	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	86	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D5C220239 **Work Order #...:** G632K1AC **Matrix.....:** WATER
LCS Lot-Sample#: D5C250000-394
Prep Date.....: 03/25/05 **Analysis Date..:** 03/30/05
Prep Batch #...: 5084394 **Analysis Time..:** 23:32
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**100**	**74.3**	**ug/L**	**74**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**66.8**	**ug/L**	**67**	**SW846 8270C**
4-Chloro-3-methylphenol	**150**	**109**	**ug/L**	**73**	**SW846 8270C**
2-Chlorophenol	**150**	**114**	**ug/L**	**76**	**SW846 8270C**
2,4-Dinitrotoluene	**100**	**78.0**	**ug/L**	**78**	**SW846 8270C**
4-Nitrophenol	**150**	**116**	**ug/L**	**77**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**100**	**70.4**	**ug/L**	**70**	**SW846 8270C**
Pentachlorophenol	**150**	**143**	**ug/L**	**95**	**SW846 8270C**
Phenol	**150**	**111**	**ug/L**	**74**	**SW846 8270C**
Pyrene	**100**	**83.8**	**ug/L**	**84**	**SW846 8270C**
1,2,4-Trichloro-benzene	**100**	**70.0**	**ug/L**	**70**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(55 - 95)
Phenol-d5	76	(58 - 97)
Nitrobenzene-d5	77	(55 - 100)
2-Fluorobiphenyl	72	(40 - 93)
2,4,6-Tribromophenol	80	(51 - 107)
Terphenyl-d14	86	(49 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D5C230000-547 **Prep Batch #...:** 5082547						
Boron	ND	100	ug/L	SW846 6010B	03/29-03/30/05	G6WFJ1AA
		Dilution Factor: 1				
		Analysis Time..: 08:29				
Manganese	**8.9 B**	**10**	**ug/L**	**SW846 6010B**	**03/24/05**	**G6WFJ1AC**
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Sodium	ND	5000	ug/L	SW846 6010B	03/29-03/30/05	G6WFJ1AD
		Dilution Factor: 1				
		Analysis Time..: 08:29				
Calcium	ND	200	ug/L	SW846 6010B	03/29-03/30/05	G6WFJ1AE
		Dilution Factor: 1				
		Analysis Time..: 08:29				
Magnesium	ND	200	ug/L	SW846 6010B	03/29-03/30/05	G6WFJ1AF
		Dilution Factor: 1				
		Analysis Time..: 08:29				
Iron	ND	100	ug/L	SW846 6010B	03/29-03/30/05	G6WFJ1AG
		Dilution Factor: 1				
		Analysis Time..: 08:29				
Zinc	**11 B**	**20**	**ug/L**	**SW846 6010B**	**03/24/05**	**G6WFJ1AH**
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Silver	ND	10	ug/L	SW846 6010B	03/24/05	G6WFJ1AJ
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/24/05	G6WFJ1AK
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Chromium	ND	10	ug/L	SW846 6010B	03/24/05	G6WFJ1AL
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Copper	ND	10	ug/L	SW846 6010B	03/24/05	G6WFJ1AM
		Dilution Factor: 1				
		Analysis Time..: 19:38				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	40	ug/L	SW846 6010B	03/24/05	G6WFJ1AN
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Lead	ND	3.0	ug/L	SW846 6010B	03/24/05	G6WFJ1AP
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Arsenic	ND	6.0	ug/L	SW846 6010B	03/24/05	G6WFJ1AQ
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Cobalt	ND	10	ug/L	SW846 6010B	03/24/05	G6WFJ1AR
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Antimony	ND	10	ug/L	SW846 6010B	03/24/05	G6WFJ1AT
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Selenium	ND	5.0	ug/L	SW846 6010B	03/24/05	G6WFJ1AU
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/24/05	G6WFJ1AV
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Barium	ND	100	ug/L	SW846 6010B	03/24/05	G6WFJ1AW
		Dilution Factor: 1				
		Analysis Time..: 19:38				
Potassium	ND	5000	ug/L	SW846 6010B	03/29-03/30/05	G6WFJ1AX
		Dilution Factor: 1				
		Analysis Time..: 08:29				

MB Lot-Sample #: D5C240000-389 **Prep Batch #...:** 5083389

Mercury	ND	0.20	ug/L	SW846 7470A	03/28/05	G60251AA
		Dilution Factor: 1				
		Analysis Time..: 16:20				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C230000-547 **Prep Batch #...:** 5082547					
Boron	103	(89 - 110)	SW846 6010B	03/29-03/30/05	G6WFJ1A0
		Dilution Factor: 1	Analysis Time..: 08:34		
Manganese	103	(90 - 110)	SW846 6010B	03/24/05	G6WFJ1A1
		Dilution Factor: 1	Analysis Time..: 19:43		
Sodium	101	(91 - 112)	SW846 6010B	03/29-03/30/05	G6WFJ1A2
		Dilution Factor: 1	Analysis Time..: 08:34		
Calcium	103	(89 - 110)	SW846 6010B	03/29-03/30/05	G6WFJ1A3
		Dilution Factor: 1	Analysis Time..: 08:34		
Magnesium	101	(91 - 111)	SW846 6010B	03/29-03/30/05	G6WFJ1A4
		Dilution Factor: 1	Analysis Time..: 08:34		
Iron	104	(88 - 110)	SW846 6010B	03/29-03/30/05	G6WFJ1A5
		Dilution Factor: 1	Analysis Time..: 08:34		
Zinc	101	(85 - 110)	SW846 6010B	03/24/05	G6WFJ1A6
		Dilution Factor: 1	Analysis Time..: 19:43		
Silver	104	(85 - 114)	SW846 6010B	03/24/05	G6WFJ1A7
		Dilution Factor: 1	Analysis Time..: 19:43		
Cadmium	102	(89 - 110)	SW846 6010B	03/24/05	G6WFJ1A8
		Dilution Factor: 1	Analysis Time..: 19:43		
Chromium	103	(89 - 112)	SW846 6010B	03/24/05	G6WFJ1A9
		Dilution Factor: 1	Analysis Time..: 19:43		
Copper	100	(86 - 110)	SW846 6010B	03/24/05	G6WFJ1CA
		Dilution Factor: 1	Analysis Time..: 19:43		
Nickel	101	(90 - 110)	SW846 6010B	03/24/05	G6WFJ1CC
		Dilution Factor: 1	Analysis Time..: 19:43		
Lead	101	(91 - 111)	SW846 6010B	03/24/05	G6WFJ1CD
		Dilution Factor: 1	Analysis Time..: 19:43		
Arsenic	99	(89 - 109)	SW846 6010B	03/24/05	G6WFJ1CE
		Dilution Factor: 1	Analysis Time..: 19:43		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	100	(86 - 107)	SW846 6010B	03/24/05	G6WFJ1CF
		Dilution Factor: 1	Analysis Time..: 19:43		
Antimony	98	(88 - 108)	SW846 6010B	03/24/05	G6WFJ1CG
		Dilution Factor: 1	Analysis Time..: 19:43		
Selenium	100	(88 - 110)	SW846 6010B	03/24/05	G6WFJ1CH
		Dilution Factor: 1	Analysis Time..: 19:43		
Beryllium	101	(88 - 112)	SW846 6010B	03/24/05	G6WFJ1CJ
		Dilution Factor: 1	Analysis Time..: 19:43		
Barium	103	(93 - 113)	SW846 6010B	03/24/05	G6WFJ1CK
		Dilution Factor: 1	Analysis Time..: 19:43		
Potassium	100	(86 - 111)	SW846 6010B	03/29-03/30/05	G6WFJ1CL
		Dilution Factor: 1	Analysis Time..: 08:34		

LCS Lot-Sample#: D5C240000-389 **Prep Batch #...:** 5083389

Mercury	99	(85 - 114)	SW846 7470A	03/28/05	G60251AC
		Dilution Factor: 1	Analysis Time..: 16:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D5C230000-547 **Prep Batch #...:** 5082547							
Boron	1000	1030	ug/L	103	SW846 6010B	03/29-03/30/05	G6WFJ1A0
			Dilution Factor: 1		Analysis Time..: 08:34		
Manganese	500	517	ug/L	103	SW846 6010B	03/24/05	G6WFJ1A1
			Dilution Factor: 1		Analysis Time..: 19:43		
Sodium	50000	50400	ug/L	101	SW846 6010B	03/29-03/30/05	G6WFJ1A2
			Dilution Factor: 1		Analysis Time..: 08:34		
Calcium	50000	51300	ug/L	103	SW846 6010B	03/29-03/30/05	G6WFJ1A3
			Dilution Factor: 1		Analysis Time..: 08:34		
Magnesium	50000	50400	ug/L	101	SW846 6010B	03/29-03/30/05	G6WFJ1A4
			Dilution Factor: 1		Analysis Time..: 08:34		
Iron	1000	1040	ug/L	104	SW846 6010B	03/29-03/30/05	G6WFJ1A5
			Dilution Factor: 1		Analysis Time..: 08:34		
Zinc	500	503	ug/L	101	SW846 6010B	03/24/05	G6WFJ1A6
			Dilution Factor: 1		Analysis Time..: 19:43		
Silver	50.0	51.9	ug/L	104	SW846 6010B	03/24/05	G6WFJ1A7
			Dilution Factor: 1		Analysis Time..: 19:43		
Cadmium	50.0	51.0	ug/L	102	SW846 6010B	03/24/05	G6WFJ1A8
			Dilution Factor: 1		Analysis Time..: 19:43		
Chromium	200	207	ug/L	103	SW846 6010B	03/24/05	G6WFJ1A9
			Dilution Factor: 1		Analysis Time..: 19:43		
Copper	250	250	ug/L	100	SW846 6010B	03/24/05	G6WFJ1CA
			Dilution Factor: 1		Analysis Time..: 19:43		
Nickel	500	507	ug/L	101	SW846 6010B	03/24/05	G6WFJ1CC
			Dilution Factor: 1		Analysis Time..: 19:43		
Lead	500	506	ug/L	101	SW846 6010B	03/24/05	G6WFJ1CD
			Dilution Factor: 1		Analysis Time..: 19:43		
Arsenic	2000	1980	ug/L	99	SW846 6010B	03/24/05	G6WFJ1CE
			Dilution Factor: 1		Analysis Time..: 19:43		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	501	ug/L	100	SW846 6010B	03/24/05	G6WFJ1CF
			Dilution Factor: 1		Analysis Time..: 19:43		
Antimony	500	488	ug/L	98	SW846 6010B	03/24/05	G6WFJ1CG
			Dilution Factor: 1		Analysis Time..: 19:43		
Selenium	2000	2010	ug/L	100	SW846 6010B	03/24/05	G6WFJ1CH
			Dilution Factor: 1		Analysis Time..: 19:43		
Beryllium	50.0	50.5	ug/L	101	SW846 6010B	03/24/05	G6WFJ1CJ
			Dilution Factor: 1		Analysis Time..: 19:43		
Barium	2000	2070	ug/L	103	SW846 6010B	03/24/05	G6WFJ1CK
			Dilution Factor: 1		Analysis Time..: 19:43		
Potassium	50000	49900	ug/L	100	SW846 6010B	03/29-03/30/05	G6WFJ1CL
			Dilution Factor: 1		Analysis Time..: 08:34		

LCS Lot-Sample#: D5C240000-389 **Prep Batch #...:** 5083389

Mercury	5.00	4.97	ug/L	99	SW846 7470A	03/28/05	G60251AC
			Dilution Factor: 1		Analysis Time..: 16:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C220239-001 **Prep Batch #...:** 5082547							
Boron	NC,MSB	(87 - 113)			SW846 6010B	03/29-03/30/05	G6QFA1CP
	NC,MSB	(87 - 113)		(0-25)	SW846 6010B	03/29-03/30/05	G6QFA1CQ
		Dilution Factor: 5					
		Analysis Time..: 08:49					
Manganese	NC,MSB	(79 - 121)			SW846 6010B	03/24/05	G6QFA1CR
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	03/24/05	G6QFA1CT
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	03/29-03/30/05	G6QFA1CU
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	03/29-03/30/05	G6QFA1CV
		Dilution Factor: 5					
		Analysis Time..: 08:49					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	03/29-03/30/05	G6QFA1CW
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	03/29-03/30/05	G6QFA1CX
		Dilution Factor: 5					
		Analysis Time..: 08:49					
Magnesium	NC,MSB	(62 - 146)			SW846 6010B	03/29-03/30/05	G6QFA1C0
	NC,MSB	(62 - 146)		(0-25)	SW846 6010B	03/29-03/30/05	G6QFA1C1
		Dilution Factor: 5					
		Analysis Time..: 08:49					
Iron	NC,MSB	(52 - 155)			SW846 6010B	03/29-03/30/05	G6QFA1C2
	NC,MSB	(52 - 155)		(0-25)	SW846 6010B	03/29-03/30/05	G6QFA1C3
		Dilution Factor: 25					
		Analysis Time..: 10:33					
Zinc	NC,MSB	(60 - 137)			SW846 6010B	03/24/05	G6QFA1C4
	NC,MSB	(60 - 137)		(0-25)	SW846 6010B	03/24/05	G6QFA1C5
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Silver	106	(75 - 141)			SW846 6010B	03/24/05	G6QFA1C6
	107	(75 - 141)	0.26	(0-25)	SW846 6010B	03/24/05	G6QFA1C7
		Dilution Factor: 5					
		Analysis Time..: 21:13					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	80 N	(82 - 119)			SW846 6010B	03/24/05	G6QFA1C8
	70 N	(82 - 119)	3.0	(0-25)	SW846 6010B	03/24/05	G6QFA1C9
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Chromium	106	(73 - 135)			SW846 6010B	03/24/05	G6QFA1DA
	96	(73 - 135)	2.7	(0-25)	SW846 6010B	03/24/05	G6QFA1DC
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Copper	116	(82 - 129)			SW846 6010B	03/24/05	G6QFA1DD
	94	(82 - 129)	18	(0-25)	SW846 6010B	03/24/05	G6QFA1DE
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Nickel	84	(84 - 120)			SW846 6010B	03/24/05	G6QFA1DF
	79 N	(84 - 120)	2.6	(0-25)	SW846 6010B	03/24/05	G6QFA1DG
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Lead	92	(89 - 121)			SW846 6010B	03/24/05	G6QFA1DH
	89	(89 - 121)	2.0	(0-25)	SW846 6010B	03/24/05	G6QFA1DJ
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Arsenic	107	(84 - 124)			SW846 6010B	03/24/05	G6QFA1DK
	105	(84 - 124)	2.5	(0-25)	SW846 6010B	03/24/05	G6QFA1DL
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Cobalt	95	(82 - 119)			SW846 6010B	03/24/05	G6QFA1DM
	93	(82 - 119)	2.0	(0-25)	SW846 6010B	03/24/05	G6QFA1DN
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Antimony	97	(81 - 124)			SW846 6010B	03/24/05	G6QFA1DP
	96	(81 - 124)	1.1	(0-25)	SW846 6010B	03/24/05	G6QFA1DQ
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Selenium	47 N	(71 - 140)			SW846 6010B	03/24/05	G6QFA1DR
	48 N	(71 - 140)	2.0	(0-25)	SW846 6010B	03/24/05	G6QFA1DT
		Dilution Factor: 5					
		Analysis Time..: 21:13					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	82	(79 - 121)			SW846 6010B	03/24/05	G6QFA1DU
	81	(79 - 121)	1.6	(0-25)	SW846 6010B	03/24/05	G6QFA1DV
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Barium	100	(85 - 120)			SW846 6010B	03/24/05	G6QFA1DW
	97	(85 - 120)	2.4	(0-25)	SW846 6010B	03/24/05	G6QFA1DX
		Dilution Factor: 5					
		Analysis Time..: 21:13					
Potassium	NC,MSB	(76 - 132)			SW846 6010B	03/29-03/30/05	G6QFA1D0
	NC,MSB	(76 - 132)		(0-25)	SW846 6010B	03/29-03/30/05	G6QFA1D1
		Dilution Factor: 5					
		Analysis Time..: 08:49					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C220239-001 **Prep Batch #...:** 5082547									
Boron									
	34000	1000	8060	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1CP
			Qualifiers: NC,MSB						
	34000	1000	7580	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 08:49						
Manganese									
	58000	500	60700	ug/L			SW846 6010B	03/24/05	G6QFA1CR
			Qualifiers: NC,MSB						
	58000	500	58800	ug/L			SW846 6010B	03/24/05	G6QFA1CT
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Sodium									
	4000000	50000	886000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1CU
			Qualifiers: NC,MSB						
	4000000	50000	831000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 08:49						
Calcium									
	4300000	50000	949000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1CW
			Qualifiers: NC,MSB						
	4300000	50000	893000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1CX
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 08:49						
Magnesium									
	1200000	50000	299000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1C0
			Qualifiers: NC,MSB						
	1200000	50000	283000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 08:49						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	3400000	5000	3480000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1C2
			Qualifiers: NC,MSB						
	3400000	5000	3280000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1C3
			Qualifiers: NC,MSB						
			Dilution Factor: 25						
			Analysis Time..: 10:33						
Zinc									
	65000	500	65600	ug/L			SW846 6010B	03/24/05	G6QFA1C4
			Qualifiers: NC,MSB						
	65000	500	63800	ug/L			SW846 6010B	03/24/05	G6QFA1C5
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Silver									
	3.3	50.0	56.4	ug/L	106		SW846 6010B	03/24/05	G6QFA1C6
	3.3	50.0	56.6	ug/L	107	0.26	SW846 6010B	03/24/05	G6QFA1C7
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Cadmium									
	110	50.0	154 N	ug/L	80		SW846 6010B	03/24/05	G6QFA1C8
	110	50.0	149 N	ug/L	70	3.0	SW846 6010B	03/24/05	G6QFA1C9
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Chromium									
	480	200	694	ug/L	106		SW846 6010B	03/24/05	G6QFA1DA
	480	200	676	ug/L	96	2.7	SW846 6010B	03/24/05	G6QFA1DC
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Copper									
	37	250	327	ug/L	116		SW846 6010B	03/24/05	G6QFA1DD
	37	250	272	ug/L	94	18	SW846 6010B	03/24/05	G6QFA1DE
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Nickel									
	570	500	987	ug/L	84		SW846 6010B	03/24/05	G6QFA1DF
	570	500	962 N	ug/L	79	2.6	SW846 6010B	03/24/05	G6QFA1DG
			Dilution Factor: 5						
			Analysis Time..: 21:13						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead									
	170	500	631	ug/L	92		SW846 6010B	03/24/05	G6QFA1DH
	170	500	618	ug/L	89	2.0	SW846 6010B	03/24/05	G6QFA1DJ
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Arsenic									
	110	2000	2250	ug/L	107		SW846 6010B	03/24/05	G6QFA1DK
	110	2000	2200	ug/L	105	2.5	SW846 6010B	03/24/05	G6QFA1DL
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Cobalt									
	170	500	643	ug/L	95		SW846 6010B	03/24/05	G6QFA1DM
	170	500	630	ug/L	93	2.0	SW846 6010B	03/24/05	G6QFA1DN
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Antimony									
	32	500	518	ug/L	97		SW846 6010B	03/24/05	G6QFA1DP
	32	500	512	ug/L	96	1.1	SW846 6010B	03/24/05	G6QFA1DQ
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Selenium									
	42	2000	973 N	ug/L	47		SW846 6010B	03/24/05	G6QFA1DR
	42	2000	993 N	ug/L	48	2.0	SW846 6010B	03/24/05	G6QFA1DT
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Beryllium									
	ND	50.0	41.2	ug/L	82		SW846 6010B	03/24/05	G6QFA1DU
	ND	50.0	40.6	ug/L	81	1.6	SW846 6010B	03/24/05	G6QFA1DV
			Dilution Factor: 5						
			Analysis Time..: 21:13						
Barium									
	610	2000	2610	ug/L	100		SW846 6010B	03/24/05	G6QFA1DW
	610	2000	2550	ug/L	97	2.4	SW846 6010B	03/24/05	G6QFA1DX
			Dilution Factor: 5						
			Analysis Time..: 21:13						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/21/05 12:30 **Date Received..:** 03/22/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	2700000	50000	611000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1D0
			Qualifiers: NC,MSB						
	2700000	50000	573000	ug/L			SW846 6010B	03/29-03/30/05	G6QFA1D1
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 08:49						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/17/05 09:20 **Date Received..:** 03/18/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180371-002 **Prep Batch #...:** 5083389							
Mercury	98	(85 - 114)			SW846 7470A	03/28/05	G6KJP1A5
	98	(85 - 114)	0.05	(0-10)	SW846 7470A	03/28/05	G6KJP1A6

Dilution Factor: 1
Analysis Time..: 16:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/17/05 09:20 **Date Received..:** 03/18/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D5C180371-002 **Prep Batch #...:** 5083389									
Mercury									
	ND	5.00	4.92	ug/L	98		SW846 7470A	03/28/05	G6KJP1A5
	ND	5.00	4.92	ug/L	98	0.05	SW846 7470A	03/28/05	G6KJP1A6

Dilution Factor: 1
Analysis Time..: 16:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		Work Order #: G7MF11AA		MB Lot-Sample #:	D5D040000-550	
	4.9 B	**8.0**	**mg/L**	**MCAWW 410.4**	**04/04/05**	**5094550**
		Dilution Factor: 1				
		Analysis Time..: 13:30				
Chloride		Work Order #: G68WM1AA		MB Lot-Sample #:	D5C290000-228	
	ND	3.0	mg/L	MCAWW 300.0A	03/28/05	5088228
		Dilution Factor: 1				
		Analysis Time..: 19:57				
Fluoride		Work Order #: G68WA1AA		MB Lot-Sample #:	D5C290000-230	
	ND	1.0	mg/L	MCAWW 300.0A	03/28/05	5088230
		Dilution Factor: 1				
		Analysis Time..: 19:57				
Free Cyanide (4500-CN-I)		Work Order #: G7FHF1AA		MB Lot-Sample #:	D5C310000-499	
	ND	0.010	mg/L	SM18 4500-CN-I	03/31/05	5090499
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Hardness, as CaCO3		Work Order #: G699C1AA		MB Lot-Sample #:	D5C290000-217	
	ND	5.0	mg/L	MCAWW 130.2	03/29/05	5088217
		Dilution Factor: 1				
		Analysis Time..: 09:45				
HEM (Oil and Grease)		Work Order #: G7FC81AA		MB Lot-Sample #:	D5C310000-463	
	0.80 B	**5.0**	**mg/L**	**CFR136A 1664A HEM**	**03/30/05**	**5090463**
		Dilution Factor: 1				
		Analysis Time..: 12:00				
Specific Conductance		Work Order #: G60WH1AA		MB Lot-Sample #:	D5C240000-474	
	ND	2.0	umhos/cm	MCAWW 120.1	03/24/05	5083474
		Dilution Factor: 1				
		Analysis Time..: 12:30				
Sulfate		Work Order #: G68X81AA		MB Lot-Sample #:	D5C290000-229	
	ND	5.0	mg/L	MCAWW 300.0A	03/28/05	5088229
		Dilution Factor: 1				
		Analysis Time..: 19:57				
Total Alkalinity		Work Order #: G692X1AA		MB Lot-Sample #:	D5C290000-514	
	2.5 B	**5.0**	**mg/L**	**MCAWW 310.1**	**03/29/05**	**5088514**
		Dilution Factor: 1				
		Analysis Time..: 15:15				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #: G68191AA		MB Lot-Sample #:	D5C290000-484	
	ND	0.010	mg/L	MCAWW 335.3	03/29/05	5088484
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Total Dissolved Solids		Work Order #: G665J1AA		MB Lot-Sample #:	D5C280000-553	
	10	**10**	**mg/L**	**MCAWW 160.1**	**03/28/05**	**5087553**
		Dilution Factor: 1				
		Analysis Time..: 12:30				
Total Organic Halogens		Work Order #: G68RQ1AA		MB Lot-Sample #:	D5C290000-436	
	ND	30	ug/L	SW846 9020B	03/28/05	5088436
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Total Organic Carbon		Work Order #: G7DRQ1AA		MB Lot-Sample #:	D5C310000-120	
	0.35 B	**1.0**	**mg/L**	**MCAWW 415.1**	**03/30/05**	**5090120**
		Dilution Factor: 1				
		Analysis Time..: 10:00				
Total Sulfide		Work Order #: G68LX1AA		MB Lot-Sample #:	D5C280000-572	
	ND	0.050	mg/L	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1				
		Analysis Time..: 15:30				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C220239 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#:G7MF11AC-LCS/G7MF11AD-LCSD LCS Lot-Sample#: D5D040000-550					
	109	(85 - 115)			MCAWW 410.4	04/04/05	5094550
	108	(85 - 115)	0.64	(0-11)	MCAWW 410.4	04/04/05	5094550
		Dilution Factor: 1			Analysis Time..: 15:30		
Chloride		WO#:G68WM1AC-LCS/G68WM1AD-LCSD LCS Lot-Sample#: D5C290000-228					
	95	(90 - 110)			MCAWW 300.0A	03/28/05	5088228
	95	(90 - 110)	0.36	(0-10)	MCAWW 300.0A	03/28/05	5088228
		Dilution Factor: 1			Analysis Time..: 19:26		
Fluoride		WO#:G68WA1AC-LCS/G68WA1AD-LCSD LCS Lot-Sample#: D5C290000-230					
	95	(90 - 110)			MCAWW 300.0A	03/28/05	5088230
	96	(90 - 110)	0.78	(0-10)	MCAWW 300.0A	03/28/05	5088230
		Dilution Factor: 1			Analysis Time..: 19:26		
Hardness, as CaCO3		WO#:G699C1AC-LCS/G699C1AD-LCSD LCS Lot-Sample#: D5C290000-217					
	100	(96 - 108)			MCAWW 130.2	03/29/05	5088217
	98	(96 - 108)	1.5	(0-5.0)	MCAWW 130.2	03/29/05	5088217
		Dilution Factor: 1			Analysis Time..: 09:45		
HEM (Oil and Grease)		WO#:G7FC81AC-LCS/G7FC81AD-LCSD LCS Lot-Sample#: D5C310000-463					
	87	(85 - 101)			CFR136A 1664A HEM	03/30/05	5090463
	88	(85 - 101)	0.28	(0-47)	CFR136A 1664A HEM	03/30/05	5090463
		Dilution Factor: 1			Analysis Time..: 12:00		
Specific Conductance		WO#:G60WH1AC-LCS/G60WH1AD-LCSD LCS Lot-Sample#: D5C240000-474					
	98	(89 - 109)			MCAWW 120.1	03/24/05	5083474
	98	(89 - 109)	0.14	(0-7.0)	MCAWW 120.1	03/24/05	5083474
		Dilution Factor: 1			Analysis Time..: 12:30		
Sulfate		WO#:G68X81AC-LCS/G68X81AD-LCSD LCS Lot-Sample#: D5C290000-229					
	95	(90 - 110)			MCAWW 300.0A	03/28/05	5088229
	95	(90 - 110)	0.26	(0-10)	MCAWW 300.0A	03/28/05	5088229
		Dilution Factor: 1			Analysis Time..: 19:26		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D5C220239 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G692X1AC-LCS/G692X1AD-LCSD				LCS Lot-Sample#: D5C290000-514	
	100	(95 - 110)			MCAWW 310.1	03/29/05	5088514
	105	(95 - 110)	4.9	(0-10)	MCAWW 310.1	03/29/05	5088514
		Dilution Factor: 1			Analysis Time..: 15:15		
Total Cyanide		WO#:G68191AC-LCS/G68191AD-LCSD				LCS Lot-Sample#: D5C290000-484	
	100	(89 - 109)			MCAWW 335.3	03/29/05	5088484
	104	(89 - 109)	3.9	(0-20)	MCAWW 335.3	03/29/05	5088484
		Dilution Factor: 1			Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G665J1AC-LCS/G665J1AD-LCSD				LCS Lot-Sample#: D5C280000-553	
	100	(86 - 106)			MCAWW 160.1	03/28/05	5087553
	99	(86 - 106)	1.2	(0-20)	MCAWW 160.1	03/28/05	5087553
		Dilution Factor: 1			Analysis Time..: 12:30		
Total Organic Halogens		WO#:G68RQ1AC-LCS/G68RQ1AD-LCSD				LCS Lot-Sample#: D5C290000-436	
	96	(75 - 113)			SW846 9020B	03/28/05	5088436
	97	(75 - 113)	0.63	(0-30)	SW846 9020B	03/28/05	5088436
		Dilution Factor: 1			Analysis Time..: 11:00		
Total Organic Carbon		WO#:G7DRQ1AC-LCS/G7DRQ1AD-LCSD				LCS Lot-Sample#: D5C310000-120	
	103	(89 - 113)			MCAWW 415.1	03/30/05	5090120
	104	(89 - 113)	1.0	(0-10)	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1			Analysis Time..: 10:00		
Total Sulfide		WO#:G68LX1AC-LCS/G68LX1AD-LCSD				LCS Lot-Sample#: D5C280000-572	
	89	(82 - 117)			MCAWW 376.2	03/28/05	5087572
	90	(82 - 117)	0.59	(0-10)	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1			Analysis Time..: 15:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C220239 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#:G7MF11AC-LCS/G7MF11AD-LCSD				LCS Lot-Sample#: D5D040000-550		
	100	109	mg/L	109		MCAWW 410.4	04/04/05	5094550
	100	108	mg/L	108	0.64	MCAWW 410.4	04/04/05	5094550
		Dilution Factor: 1				Analysis Time..: 15:30		
Chloride		WO#:G68WM1AC-LCS/G68WM1AD-LCSD				LCS Lot-Sample#: D5C290000-228		
	20.0	18.9	mg/L	95		MCAWW 300.0A	03/28/05	5088228
	20.0	19.0	mg/L	95	0.36	MCAWW 300.0A	03/28/05	5088228
		Dilution Factor: 1				Analysis Time..: 19:26		
Fluoride		WO#:G68WA1AC-LCS/G68WA1AD-LCSD				LCS Lot-Sample#: D5C290000-230		
	4.00	3.80	mg/L	95		MCAWW 300.0A	03/28/05	5088230
	4.00	3.83	mg/L	96	0.78	MCAWW 300.0A	03/28/05	5088230
		Dilution Factor: 1				Analysis Time..: 19:26		
Hardness, as CaCO3		WO#:G699C1AC-LCS/G699C1AD-LCSD				LCS Lot-Sample#: D5C290000-217		
	400	399	mg/L	100		MCAWW 130.2	03/29/05	5088217
	400	393	mg/L	98	1.5	MCAWW 130.2	03/29/05	5088217
		Dilution Factor: 1				Analysis Time..: 09:45		
HEM (Oil and Grease)		WO#:G7FC81AC-LCS/G7FC81AD-LCSD				LCS Lot-Sample#: D5C310000-463		
	40.0	34.9	mg/L	87		CFR136A 1664A HEM	03/30/05	5090463
	40.0	35.0	mg/L	88	0.28	CFR136A 1664A HEM	03/30/05	5090463
		Dilution Factor: 1				Analysis Time..: 12:00		
Specific Conductance		WO#:G60WH1AC-LCS/G60WH1AD-LCSD				LCS Lot-Sample#: D5C240000-474		
	1410	1380	umhos/cm	98		MCAWW 120.1	03/24/05	5083474
	1410	1380	umhos/cm	98	0.14	MCAWW 120.1	03/24/05	5083474
		Dilution Factor: 1				Analysis Time..: 12:30		
Sulfate		WO#:G68X81AC-LCS/G68X81AD-LCSD				LCS Lot-Sample#: D5C290000-229		
	20.0	19.0	mg/L	95		MCAWW 300.0A	03/28/05	5088229
	20.0	19.1	mg/L	95	0.26	MCAWW 300.0A	03/28/05	5088229
		Dilution Factor: 1				Analysis Time..: 19:26		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D5C220239 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:G692X1AC-LCS/G692X1AD-LCSD				LCS Lot-Sample#: D5C290000-514		
	200	200	mg/L	100		MCAWW 310.1	03/29/05	5088514
	200	210	mg/L	105	4.9	MCAWW 310.1	03/29/05	5088514
		Dilution Factor: 1				Analysis Time..: 15:15		
Total Cyanide		WO#:G68191AC-LCS/G68191AD-LCSD				LCS Lot-Sample#: D5C290000-484		
	0.100	0.100	mg/L	100		MCAWW 335.3	03/29/05	5088484
	0.100	0.104	mg/L	104	3.9	MCAWW 335.3	03/29/05	5088484
		Dilution Factor: 1				Analysis Time..: 14:00		
Total Dissolved Solids		WO#:G665J1AC-LCS/G665J1AD-LCSD				LCS Lot-Sample#: D5C280000-553		
	500	502	mg/L	100		MCAWW 160.1	03/28/05	5087553
	500	496	mg/L	99	1.2	MCAWW 160.1	03/28/05	5087553
		Dilution Factor: 1				Analysis Time..: 12:30		
Total Organic Halogens		WO#:G68RQ1AC-LCS/G68RQ1AD-LCSD				LCS Lot-Sample#: D5C290000-436		
	100	96.1	ug/L	96		SW846 9020B	03/28/05	5088436
	100	96.7	ug/L	97	0.63	SW846 9020B	03/28/05	5088436
		Dilution Factor: 1				Analysis Time..: 11:00		
Total Organic Carbon		WO#:G7DRQ1AC-LCS/G7DRQ1AD-LCSD				LCS Lot-Sample#: D5C310000-120		
	25.0	25.8	mg/L	103		MCAWW 415.1	03/30/05	5090120
	25.0	26.1	mg/L	104	1.0	MCAWW 415.1	03/30/05	5090120
		Dilution Factor: 1				Analysis Time..: 10:00		
Total Sulfide		WO#:G68LX1AC-LCS/G68LX1AD-LCSD				LCS Lot-Sample#: D5C280000-572		
	0.187	0.167	mg/L	89		MCAWW 376.2	03/28/05	5087572
	0.187	0.168	mg/L	90	0.59	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1				Analysis Time..: 15:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Free Cyanide (4500-CN-I)		Work Order #: G7FHF1AC	LCS Lot-Sample#: D5C310000-499		
	101	(75 - 120)	SM18 4500-CN-I	03/31/05	5090499

Dilution Factor: 1 Analysis Time..: 14:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Free Cyanide	(4500-CN-I)	Work Order #:		G7FHF1AC	LCS Lot-Sample#:	D5C310000-499	
	0.100	0.101	mg/L	101	SM18 4500-CN-I	03/31/05	5090499
			Dilution Factor: 1		Analysis Time..: 14:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		WO#: G675X1CD-MS/G675X1CE-MSD				MS Lot-Sample #: D5C290199-003	
	101	(74 - 109)			MCAWW 410.4	04/04/05	5094550
	98	(74 - 109)	2.4	(0-11)	MCAWW 410.4	04/04/05	5094550
		Dilution Factor: 1					
		Analysis Time..: 15:30					
Chloride		WO#: G6QFA1EW-MS/G6QFA1EX-MSD				MS Lot-Sample #: D5C220239-001	
	109 I	(80 - 120)			MCAWW 300.0A	03/28-03/29/05	5088228
	111 I	(80 - 120)	0.94	(0-20)	MCAWW 300.0A	03/28-03/29/05	5088228
		Dilution Factor: 1					
		Analysis Time..: 03:47					
Fluoride		WO#: G6QFA1EU-MS/G6QFA1EV-MSD				MS Lot-Sample #: D5C220239-001	
	92	(80 - 120)			MCAWW 300.0A	03/28-03/29/05	5088230
	87	(80 - 120)	5.2	(0-20)	MCAWW 300.0A	03/28-03/29/05	5088230
		Dilution Factor: 1					
		Analysis Time..: 03:47					
Hardness, as CaCO3		WO#: G63621AL-MS/G63621AM-MSD				MS Lot-Sample #: D5C250361-019	
	101	(96 - 108)			MCAWW 130.2	03/29/05	5088218
	102	(96 - 108)	0.88	(0-5.0)	MCAWW 130.2	03/29/05	5088218
		Dilution Factor: 1					
		Analysis Time..: 09:45					
Sulfate		WO#: G6QFA1E0-MS/G6QFA1E1-MSD				MS Lot-Sample #: D5C220239-001	
	0.0 N	(80 - 120)			MCAWW 300.0A	03/28-03/29/05	5088229
	0.0 N	(80 - 120)	0.0	(0-20)	MCAWW 300.0A	03/28-03/29/05	5088229
		Dilution Factor: 1					
		Analysis Time..: 03:47					
Total Cyanide		WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001	
	97	(78 - 120)			MCAWW 335.3	03/29/05	5088480
	98	(78 - 120)	1.3	(0-20)	MCAWW 335.3	03/29/05	5088480
		Dilution Factor: 1					
		Analysis Time..: 14:00					
Total Organic Halogens		WO#: G62E41AD-MS/G62E41AE-MSD				MS Lot-Sample #: D5C250175-001	
	100	(75 - 113)			SW846 9020B	03/28/05	5088433
	96	(75 - 113)	3.7	(0-30)	SW846 9020B	03/28/05	5088433
		Dilution Factor: 1					
		Analysis Time..: 10:00					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		WO#:	G6TJN1CF-MS/G6TJN1CG-MSD			MS Lot-Sample #:	D5C230197-006
	110	(73 - 124)			MCAWW 415.1	03/30/05	5090121
	110	(73 - 124)	0.42	(0-10)	MCAWW 415.1	03/30/05	5090121
		Dilution Factor: 1					
		Analysis Time..: 10:00					
Total Sulfide		WO#:	G622R1CL-MS/G622R1CM-MSD			MS Lot-Sample #:	D5C250230-001
	9.6 N	(20 - 156)			MCAWW 376.2	03/28/05	5087572
	8.6 N	(20 - 156)	6.8	(0-30)	MCAWW 376.2	03/28/05	5087572
		Dilution Factor: 1					
		Analysis Time..: 15:30					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

1 Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			WO#: G675X1CD-MS/G675X1CE-MSD				MS Lot-Sample #: D5C290199-003		
	8.0	50.0	58.5	mg/L	101		MCAWW 410.4	04/04/05	5094550
	8.0	50.0	57.1	mg/L	98	2.4	MCAWW 410.4	04/04/05	5094550
			Dilution Factor: 1						
			Analysis Time..: 15:30						
Chloride			WO#: G6QFA1EW-MS/G6QFA1EX-MSD				MS Lot-Sample #: D5C220239-001		
	4800	5000	10200 I	mg/L	109		MCAWW 300.0A	03/28-03/29/05	5088228
	4800	5000	10300 I	mg/L	111	0.94	MCAWW 300.0A	03/28-03/29/05	5088228
			Dilution Factor: 1						
			Analysis Time..: 03:47						
Fluoride			WO#: G6QFA1EU-MS/G6QFA1EV-MSD				MS Lot-Sample #: D5C220239-001		
	ND	1000	920	mg/L	92		MCAWW 300.0A	03/28-03/29/05	5088230
	ND	1000	873	mg/L	87	5.2	MCAWW 300.0A	03/28-03/29/05	5088230
			Dilution Factor: 1						
			Analysis Time..: 03:47						
Hardness, as CaCO3			WO#: G63621AL-MS/G63621AM-MSD				MS Lot-Sample #: D5C250361-019		
	200	400	599	mg/L	101		MCAWW 130.2	03/29/05	5088218
	200	400	604	mg/L	102	0.88	MCAWW 130.2	03/29/05	5088218
			Dilution Factor: 1						
			Analysis Time..: 09:45						
Sulfate			WO#: G6QFA1E0-MS/G6QFA1E1-MSD				MS Lot-Sample #: D5C220239-001		
	8900	5000	6260 N	mg/L	0.0		MCAWW 300.0A	03/28-03/29/05	5088229
	8900	5000	6340 N	mg/L	0.0	0.0	MCAWW 300.0A	03/28-03/29/05	5088229
			Dilution Factor: 1						
			Analysis Time..: 03:47						
Total Cyanide			WO#: G6FMA1C9-MS/G6FMA1DA-MSD				MS Lot-Sample #: D5C170232-001		
	ND	0.100	0.0997	mg/L	97		MCAWW 335.3	03/29/05	5088480
	ND	0.100	0.101	mg/L	98	1.3	MCAWW 335.3	03/29/05	5088480
			Dilution Factor: 1						
			Analysis Time..: 14:00						
Total Organic Halogens			WO#: G62E41AD-MS/G62E41AE-MSD				MS Lot-Sample #: D5C250175-001		
	ND	500	512	ug/L	100		SW846 9020B	03/28/05	5088433
	ND	500	493	ug/L	96	3.7	SW846 9020B	03/28/05	5088433
			Dilution Factor: 1						
			Analysis Time..: 10:00						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5C220239 **Matrix.....:** WATER
Date Sampled...: 03/22/05 09:40 **Date Received..:** 03/23/05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			WO#: G6TJN1CF-MS/G6TJN1CG-MSD				MS Lot-Sample #: D5C230197-006		
	0.79	25.0	28.3	mg/L	110		MCAWW 415.1	03/30/05	5090121
	0.79	25.0	28.2	mg/L	110	0.42	MCAWW 415.1	03/30/05	5090121
			Dilution Factor: 1						
			Analysis Time..: 10:00						
Total Sulfide			WO#: G622R1CL-MS/G622R1CM-MSD				MS Lot-Sample #: D5C250230-001		
	0.025	0.374	0.0610	mg/L	9.6		MCAWW 376.2	03/28/05	5087572
			Qualifiers: N						
	0.025	0.374	0.0570	mg/L	8.6	6.8	MCAWW 376.2	03/28/05	5087572
			Qualifiers: N						
			Dilution Factor: 1						
			Analysis Time..: 15:30						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220239 **Work Order #...:** G6R9E-SMP G6R9E-DUP **Matrix.....:** WATER

Date Sampled...: 03/22/05 15:10 **Date Received..:** 03/23/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Specific Conductance						SD Lot-Sample #: D5C230177-001		
	25000	26000	umhos/cm	1.2	(0-7.0)	MCAWW 120.1	03/24/05	5083474

Dilution Factor: 1 Analysis Time..: 12:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220239 **Work Order #...:** G6TPA-SMP G6TPA-DUP **Matrix.....:** WATER

Date Sampled...: 03/22/05 08:30 **Date Received..:** 03/23/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D5C230210-003		
	810 J	790	mg/L	1.9	(0-20)	MCAWW 160.1	03/28/05	5087553
			Dilution Factor: 1			Analysis Time..: 12:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220239 **Work Order #...:** G6J20-SMP G6J20-DUP **Matrix.....:** WATER

Date Sampled...: 03/17/05 10:05 **Date Received..:** 03/18/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D5C180304-001	
	4700 J,Q	4700 Q	mg/L	0.85	(0-10)	MCAWW 310.1	03/29/05	5088514

Dilution Factor: 8 Analysis Time..: 15:15

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D5C220239 **Work Order #...:** G60L9-SMP G60L9-DUP **Matrix.....:** WATER

Date Sampled...: 03/23/05 11:30 **Date Received..:** 03/24/05

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Free Cyanide (4500-CN-I)						SD Lot-Sample #:	D5C240339-001	
	ND	ND	mg/L	0	(0-24)	SM18 4500-CN-I	03/31/05	5090499

Dilution Factor: 1 Analysis Time..: 14:00

5.2
3.22.05

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stody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

124 (0901)

t: SCS ENGINEERS	Project Manager: TINA S.	Date: 3/21/05	Chain of Custody Number: 301637
ess: 00 KILROY AIRPORT WAY #100	Telephone Number (Area Code)/Fax Number: (800) 326-9544	Lab Number:	Page 1 of 1
NG BEACH — State: CA — Zip Code: 90806	Site Contact:	Lab Contact: BETSY F.	
ect Name and Location (State): BRADLEY	Carrier/Waybill Number:		
ract/Purchase Order/Quote No.: 234-25662-A			

Sample I.D. No. and Description (tainers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): GENERAL CHEMISTRY	COD/TOC	CYANIDE-9012	Metals-Total	TOX-9020	Volatiles-GCMS	SEMIVOA ORGANICS	O&G	Total Sulfide	Special Instructions/ Conditions of Receipt
UMP "E"	3/21/05	1230		X			3	4	1	3	1	1	X	X	X	X	X	X	X	X	X	

ssible Hazard Identification: Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

n Around Time Required: 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
Relinquished By: Mario Queen	3/21/05	1530	1. Received By: [signature]	3.22.05	9:15
Relinquished By:			2. Received By:		
Relinquished By:			3. Received By:		

mments

TRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

APPENDIX F

DUMPStat Analysis

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

April 23, 2005

Mr. Ken Lister
SCS Engineers
3711 Long Beach Blvd.
9th Floor
Long Beach, California 90807

RE: DUMPStat Analysis

Dear Mr. Lister;

Please find enclosed results concerning DUMPStat analysis of the data recently submitted to Severn Trent Laboratories. The pertinent information regarding these analyses are listed below:

Quote: NY95-481
Site Name: Bradley Landfill
Project Name: Groundwater Detection
Matrix: Groundwater
Sample Event: 1st Quarter
Sample Date: March 15-22, 2005
Analysis Date: April 23, 2005
Prepared by: Mr. Philip Kinecki

If you have any questions concerning this statistical analysis, please contact me at (716) 691-2600, extension 3032. It has been our pleasure to provide Waste Management, Inc. with statistical services. We look forward to serving you in the future.

Sincerely,
Severn Trent Laboratories

Phil Kinecki
DUMPStat Report Writer

Project #: STL Denver

SEVERN TRENT STL

DUMPStat Results
Prepared for

WASTE MANAGEMENT

Bradley Landfill
9227 Tujunga Ave.
Sun Valley, CA 91352

Prepared by

Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, New York 14228

Methodology:
Analyses were performed using DUMPStat Version 2.1.8, Copyright 1994-2004 Robert D. Gibbons Ltd. and Discerning Systems Inc.

Type of Analysis:
Time Series (WQPS.zon):
Results for selected Downgradient Wells and constituents are compared to Water Quality Protection Standards.
Up vs. Down (Inter-well)Prediction Limits:
(bbu2d1.zon): Up vs. Down (Inter-well) Prediction Limit and Statistical Power Analyses are performed on selected downgradient wells.
(bbu2d2.zon): Up vs. Down (Inter-well) Prediction Limit and Statistical Power Analyses are performed on selected wells.
VOC Detection and Time Series (voc3.zon):
VOC detection is performed and constituents with current or past detections are plotted in Time Series graphs.

Constituents Analyzed (15):
Alkalinity -bicarbonate, BOD, Calcium-d, Chemical Oxygen Demand (COD), Chloride, Fluoride, Iron-d, Magnesium-d, Nitrate-nitrite, Sodium-d, Specific Conductance, Sulfate, Total Dissolved Solids, Total Organic Carbon, Total Organic Halogen.

Report Note:
4916C was were not sampled during this event

SEVERN TRENT STL

Bradley Landfill / *DUMPStat Report- Program Settings*
STL site #: STL Denver
Report Date: 5-23-05 Sample Event – March 2005

Bradley LDF [voc]
Table 1

Statistical Options

Option	Setting
Sorting Order of Output	Order by Constituents
Verification Resampling Plan	Pass 2 of 2
Rare Event Statistics	Nonparametric
Background Samples (Minimum)	10
Control Chart Factor (< 12 samples)	4.5
Control Chart Factor (>= 12 samples)	4
Begin CUSUM calculation	After Background
Confidence Limit Shown on Graphs	Upper Confidence Limit
Confidence Limits are based on up to the last	4 samples
Identify Historical Trends	Off
Automatically Screen for Outliers in Background Data	If > 25% detects
Enable Manual Outliers	On
Enable Manual Reporting Limits	Off
Average Dilutions on the same day	Off
Prediction Limit Alpha	Limit to .01

STATUS GUIDE - The Verification Resampling Plan Program Setting for this site is set at Pass 2 of 2. This means that after an Initial Exceedance, BOTH of the next 2 events must "PASS" =be below the limit line. If after the initial exceedance, either of the subsequent 2 data points "Fail", it is considered a Verified Exceedance. If both results PASS, then the status of that well /constituent combination returns to normal. I have created the status column in the summary tables to indicate the current standing.

STATUS	Meaning
Initial Exceedance	Result is above limit line, normal prior to this event,
1st subsequent – (Pass)	The 1st sample after the initial exceedance Passed Awaiting next result.
2nd subsequent - (Pass)	The 2nd sample after the initial exceedance Passed The Status returns to NORMAL
Verified Exceedance	After the Initial failure, 1 or both of the next 2 results failed.
Verified Exceedance [1]	Current data result has PASSed. If the next subsequent data result PASSes, this well/constituent combination will return to normal.

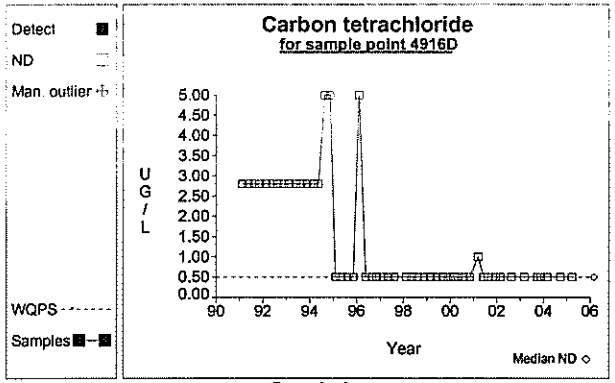
Current Background settings-

Only Inter-well (Up vs. Down) analysis is being run at this time. All available Up-gradient data is pooled for background and used to calculate Prediction Limits.

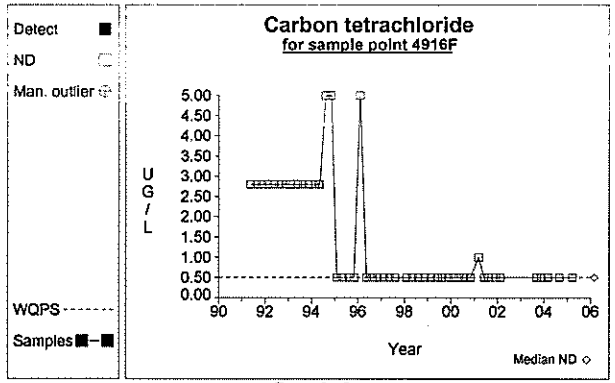
Program Operator: Philip Kinecki
(716) 691-2600, ext. 3032

Severn Trent Laboratories Inc. – Buffalo
pkinecki@stl-inc.com

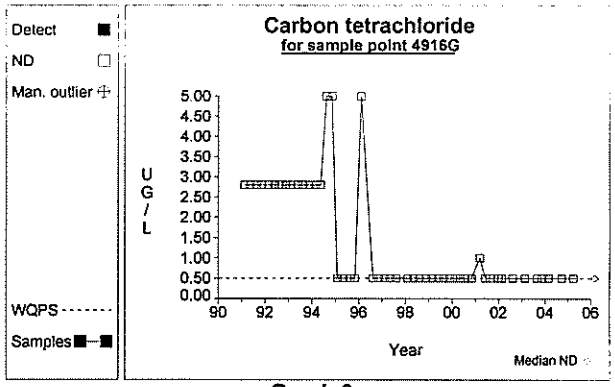
Time Series



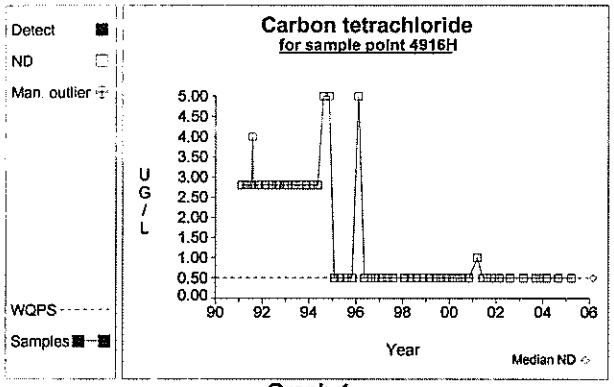
Graph 1



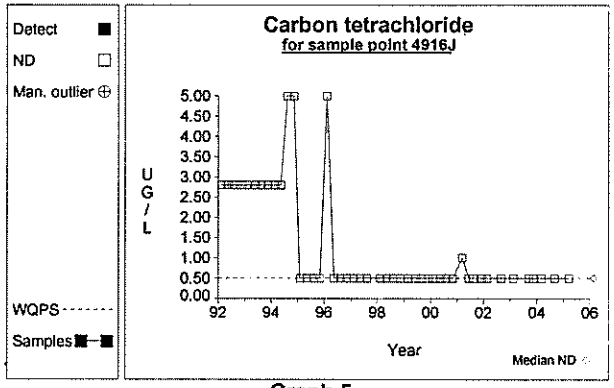
Graph 2



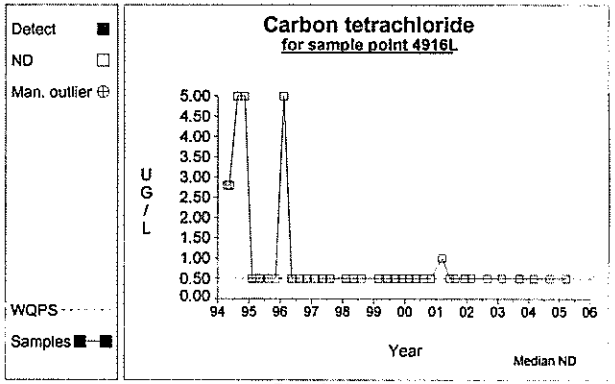
Graph 3



Graph 4



Graph 5



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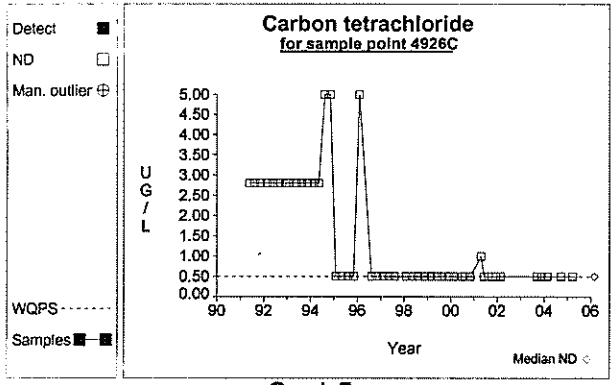
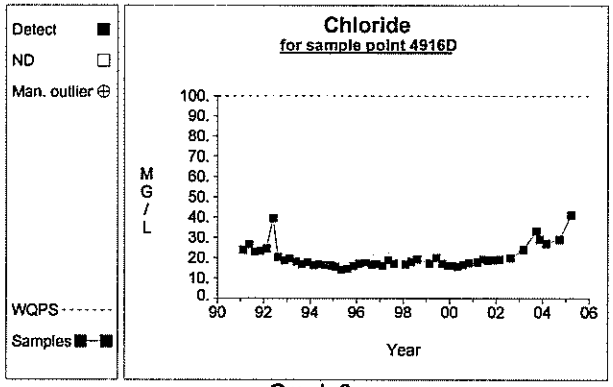
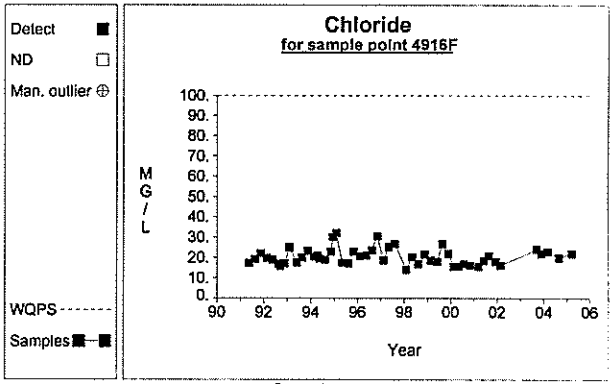


Graph 7

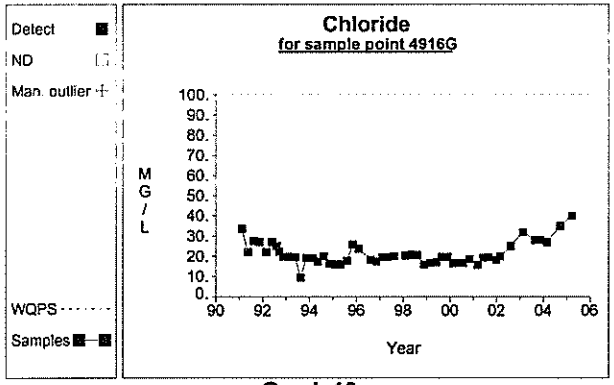


Graph 8



Graph 9

Time Series



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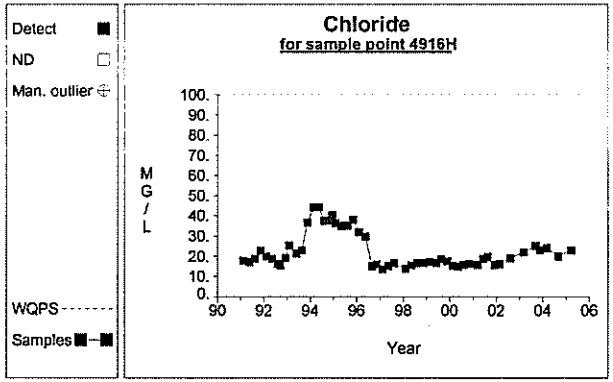
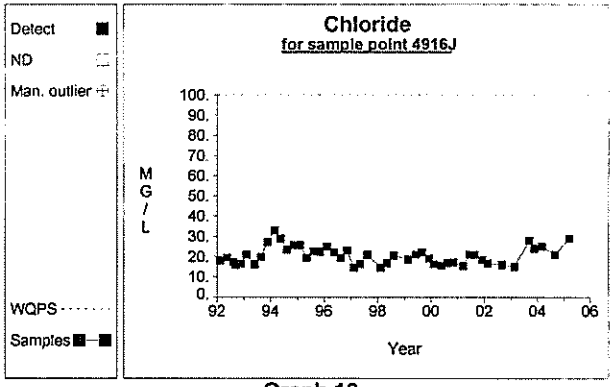
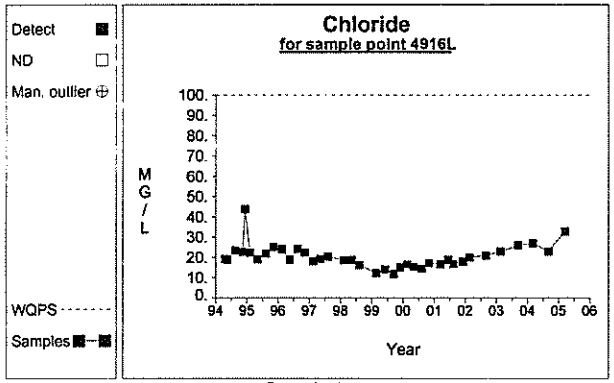


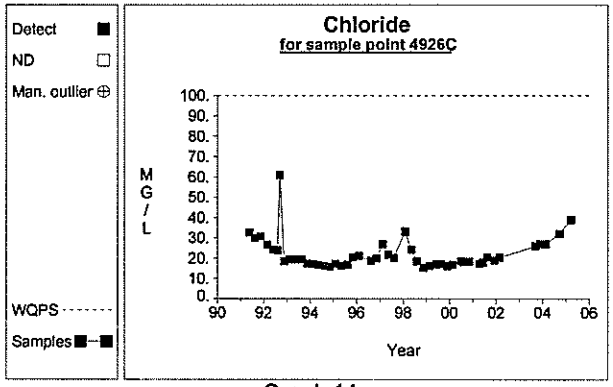
Graph 11



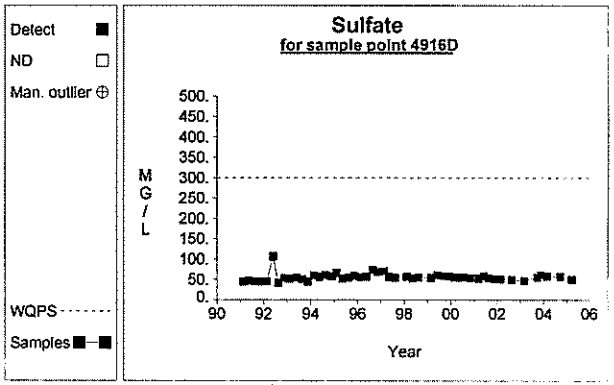
Graph 12



Graph 13



Graph 14



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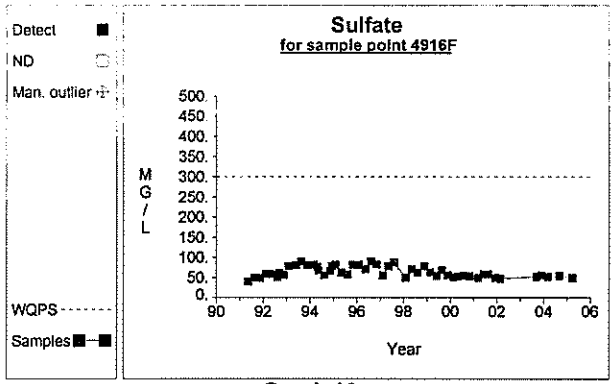

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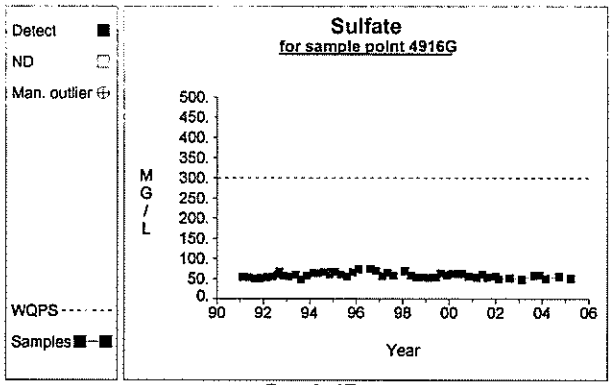

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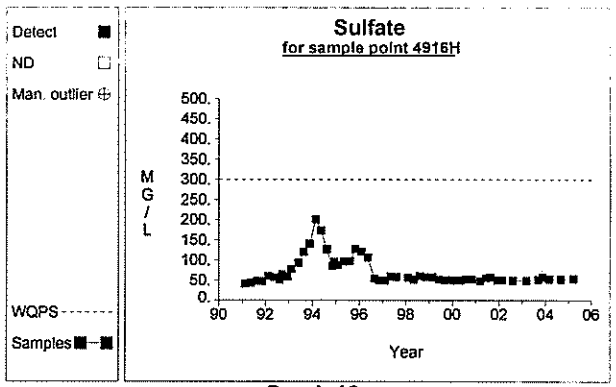
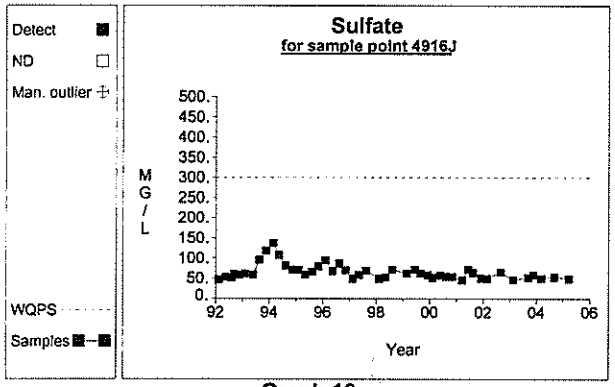
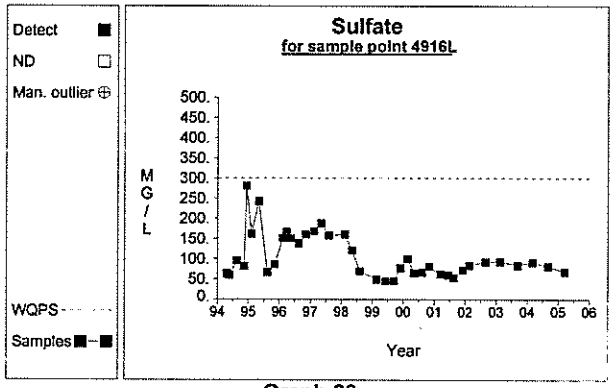


Graph 18

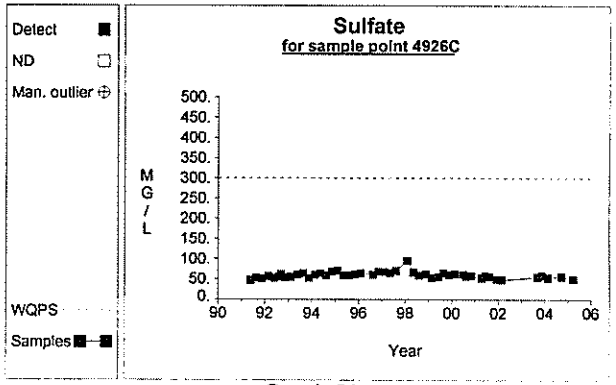
Time Series



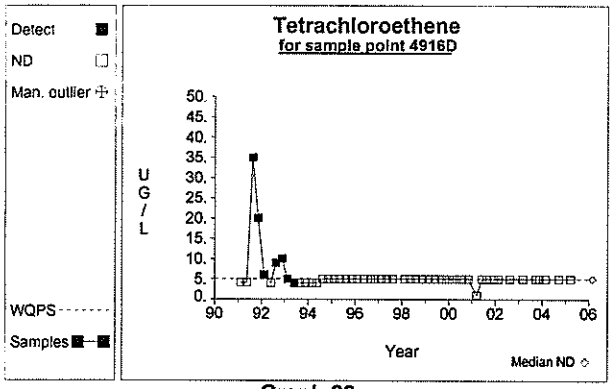
Graph 19



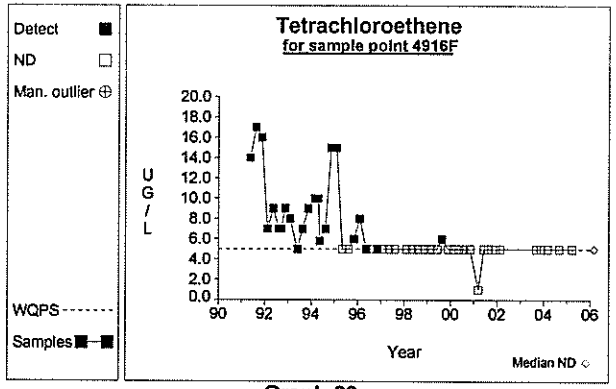
Graph 20



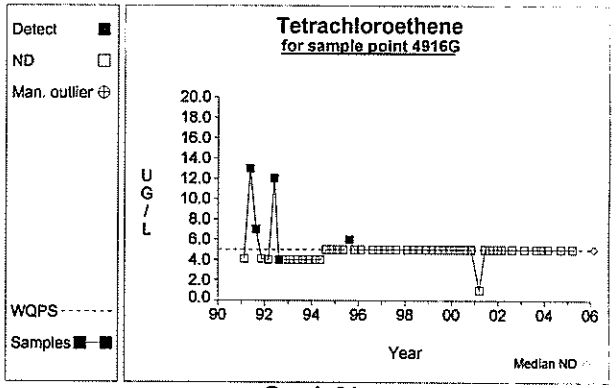
Graph 21



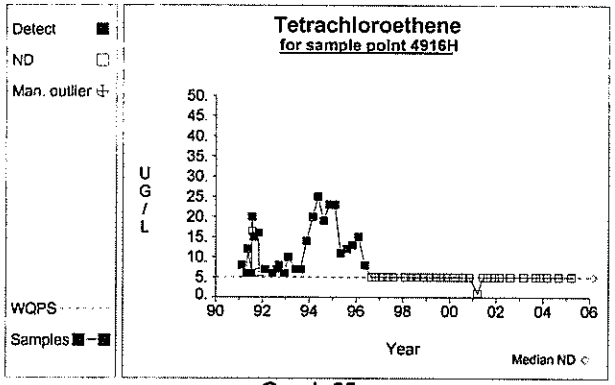
Graph 22



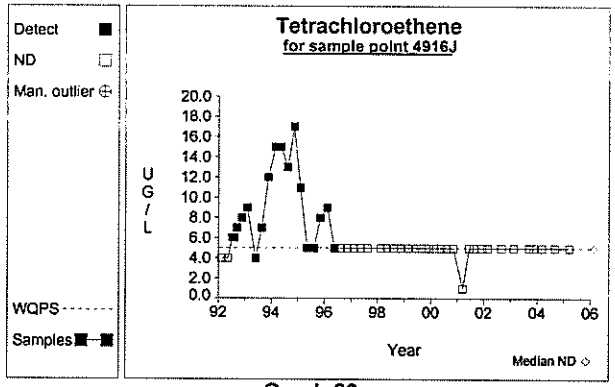
Graph 23



Graph 24



Graph 25



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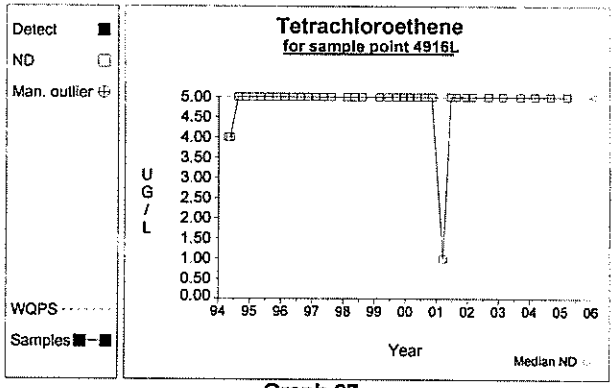
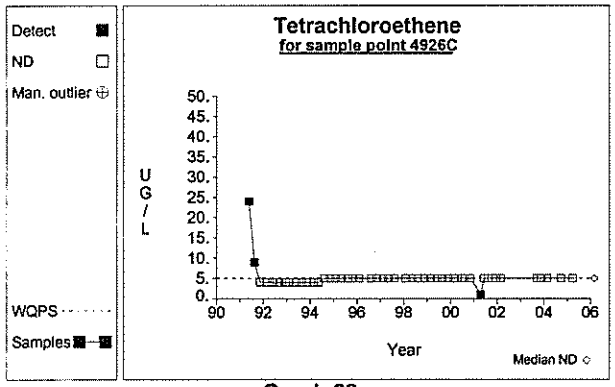


Graph 27

Time Series



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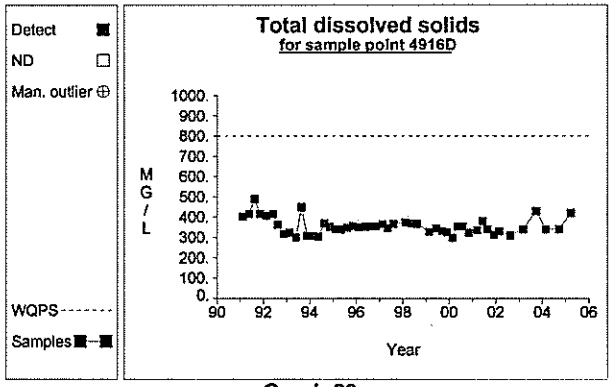

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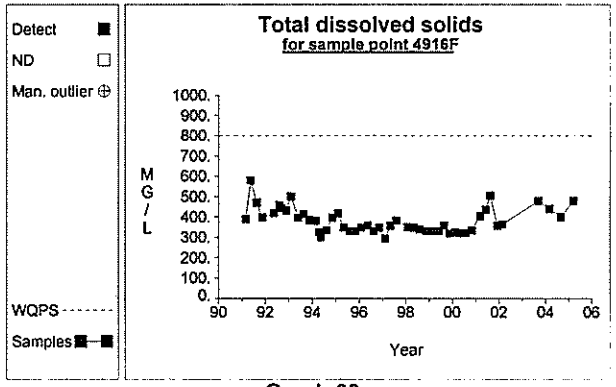

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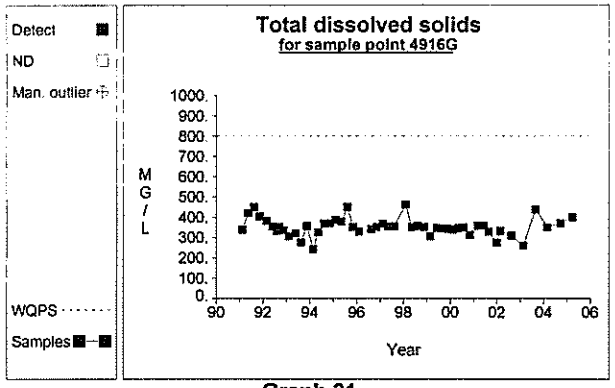

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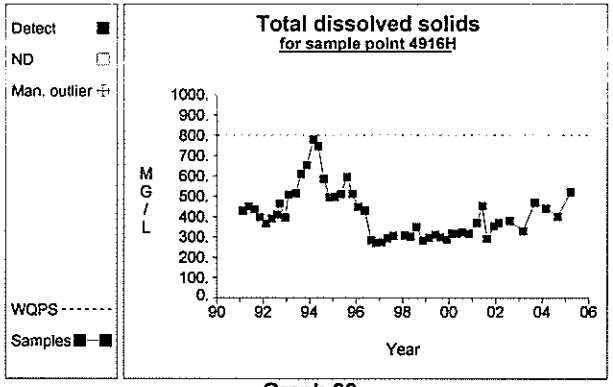

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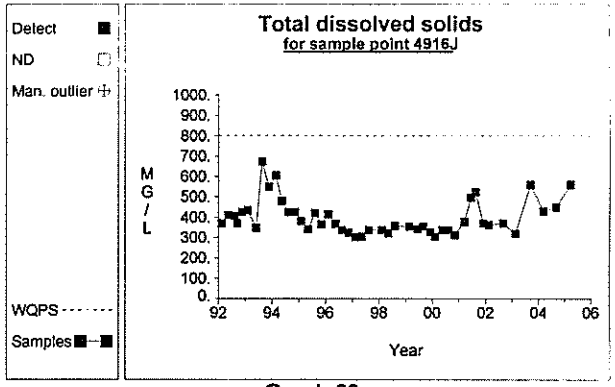

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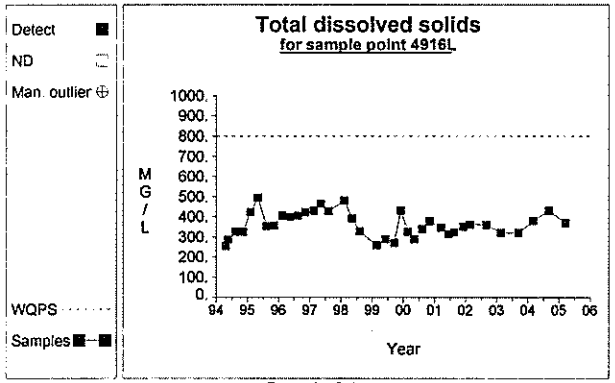

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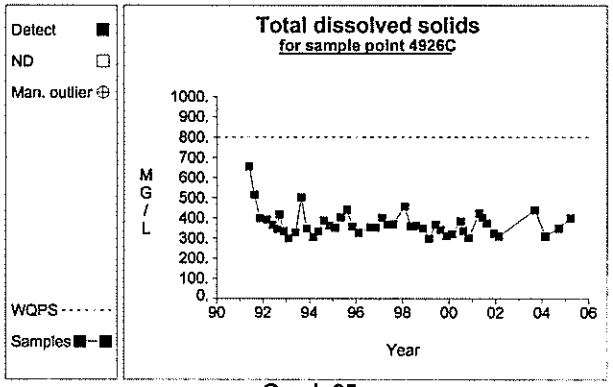

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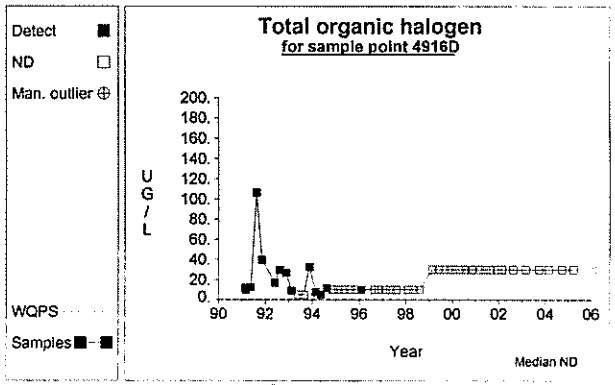
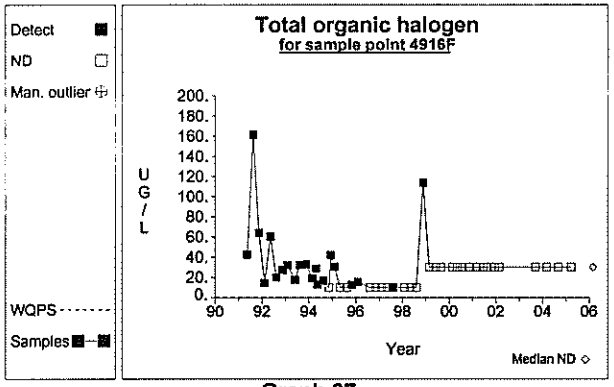


Graph 36

Time Series



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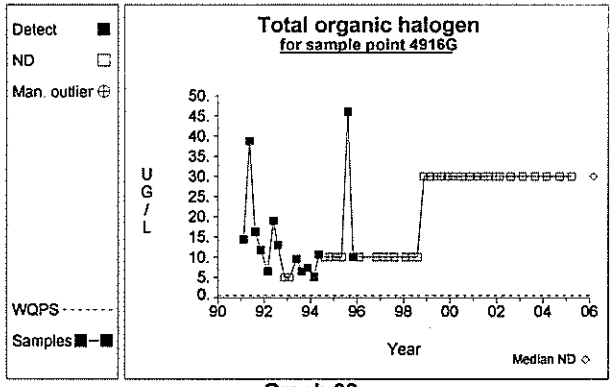

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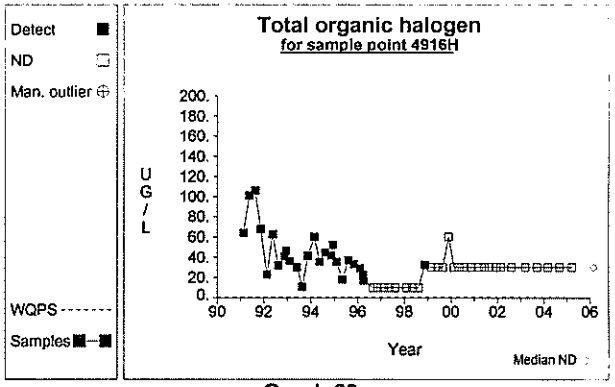

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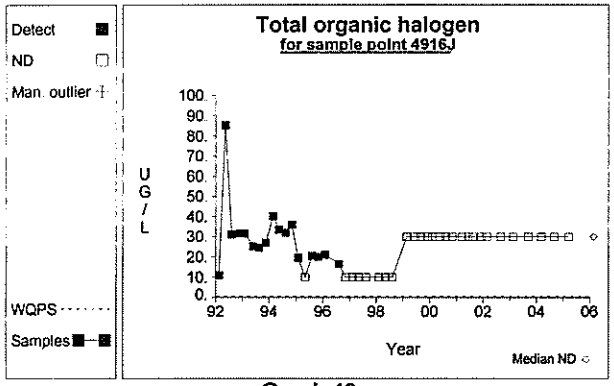

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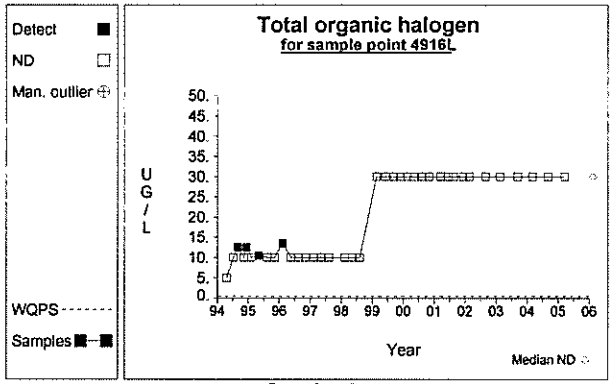

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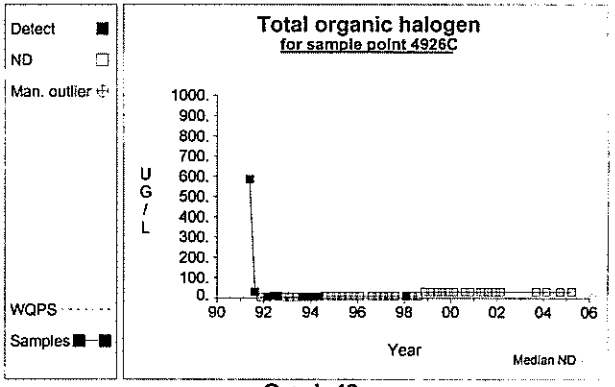

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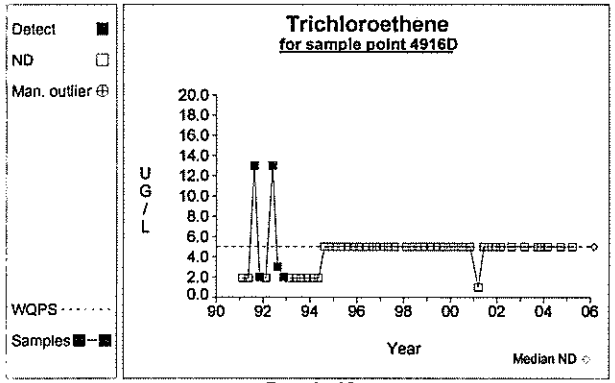

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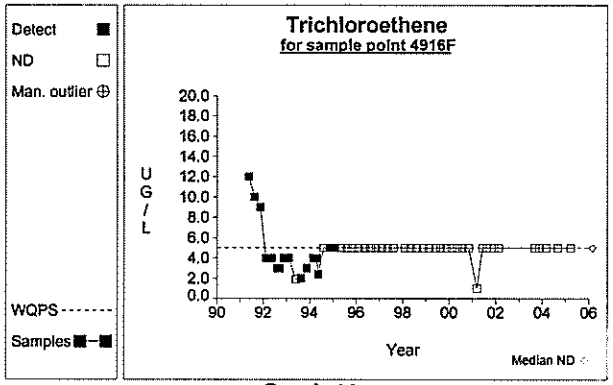

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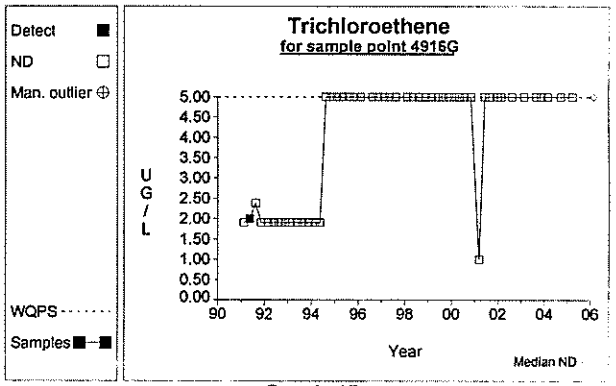
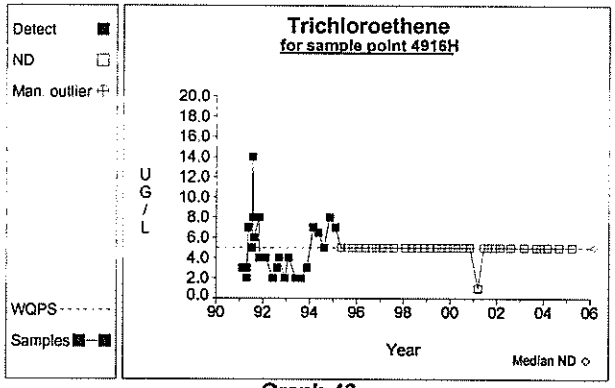


Graph 45

Time Series



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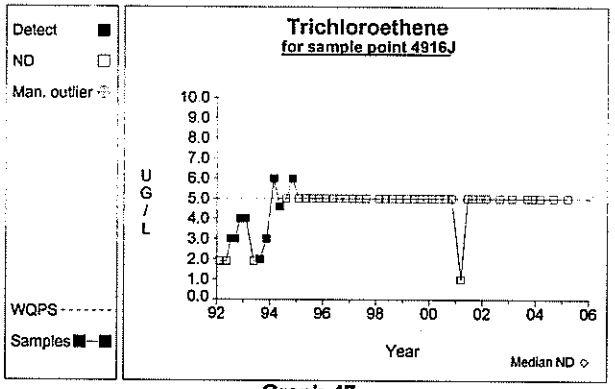

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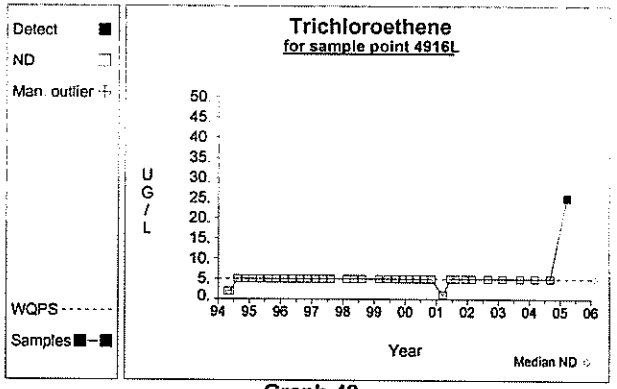

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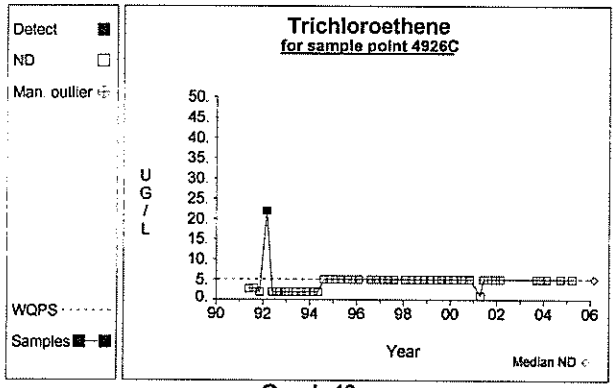

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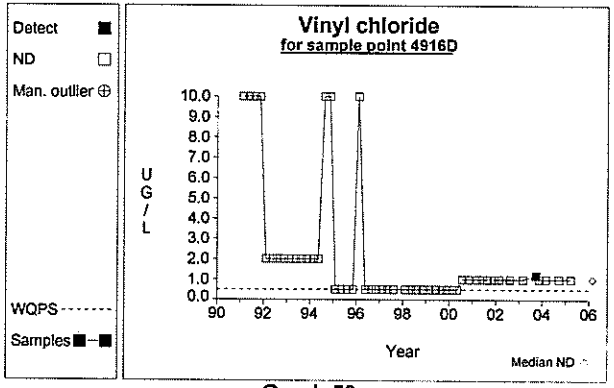

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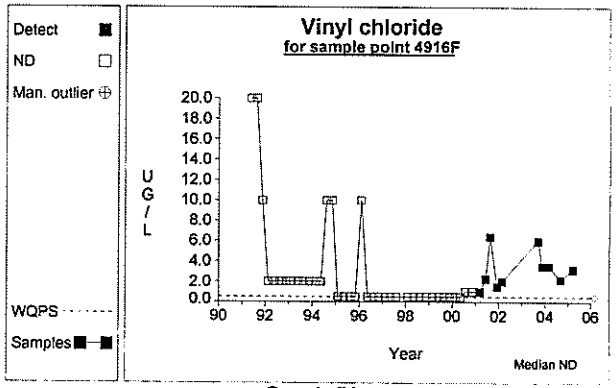

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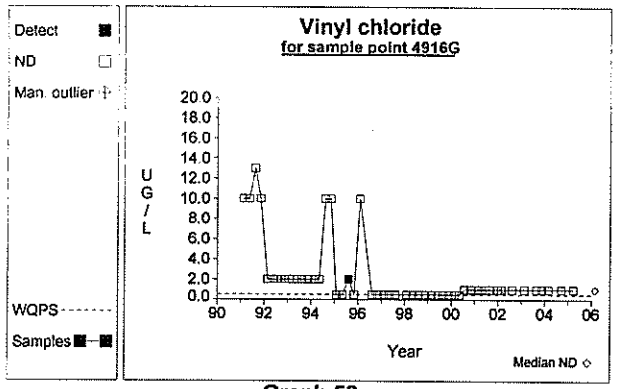

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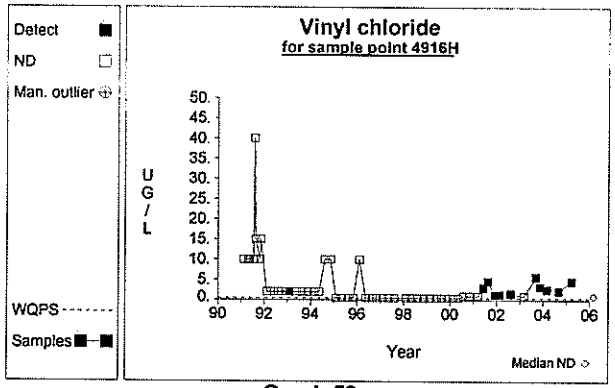

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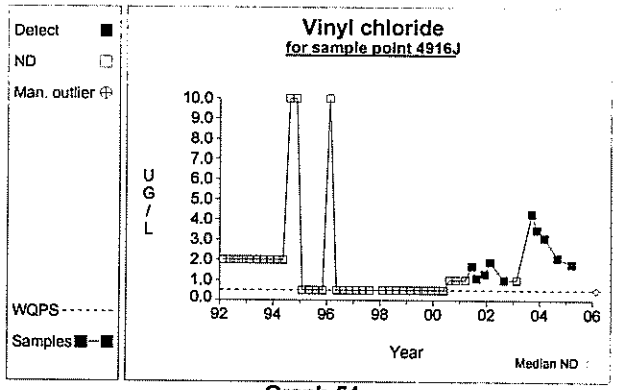
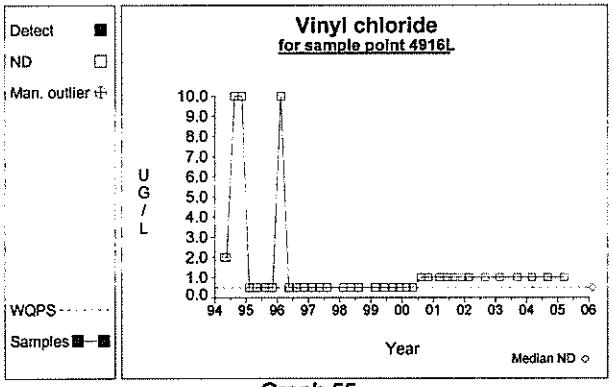


Graph 54

Time Series



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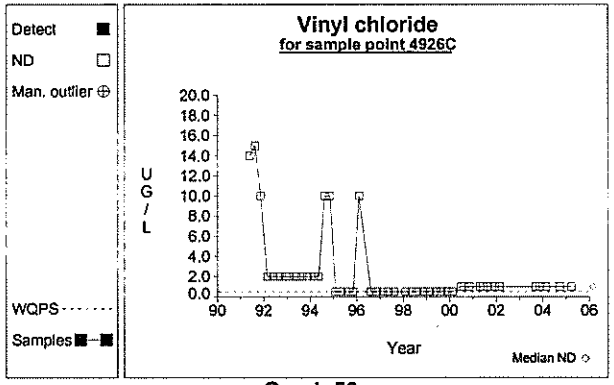
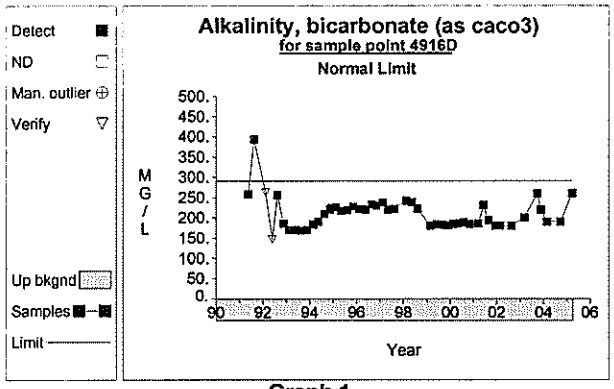
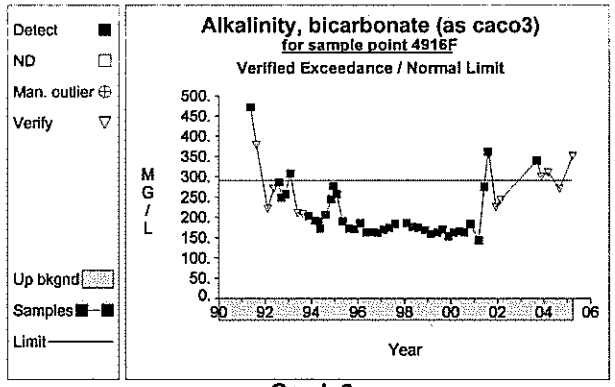


Graph 56

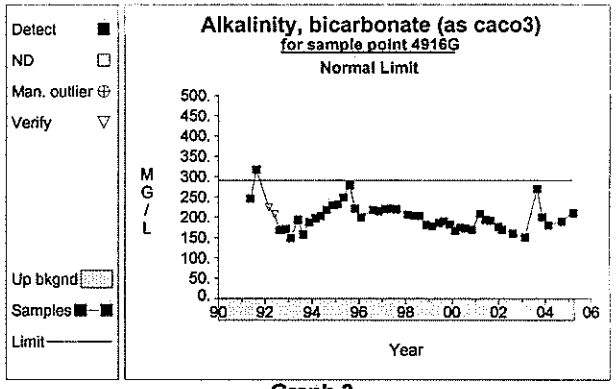
Up vs. Down Prediction Limits



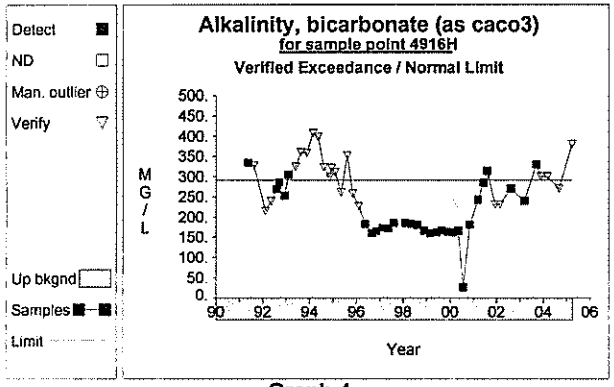
Graph 1



Graph 2



Graph 3



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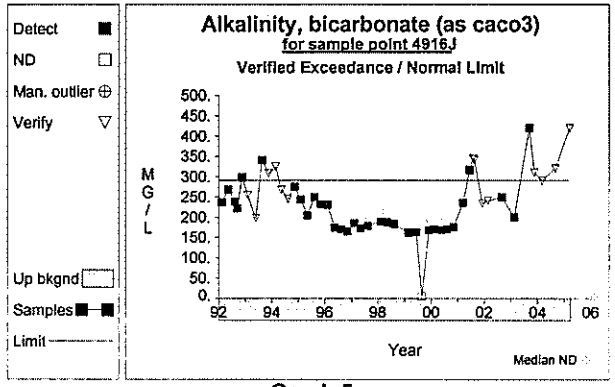
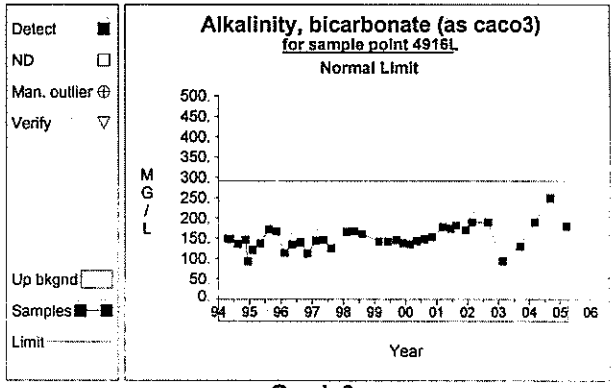


Graph 5



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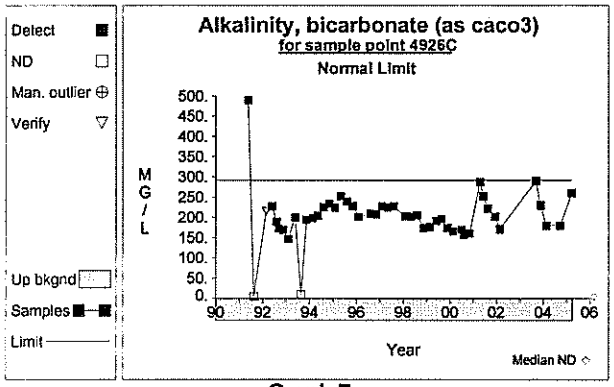
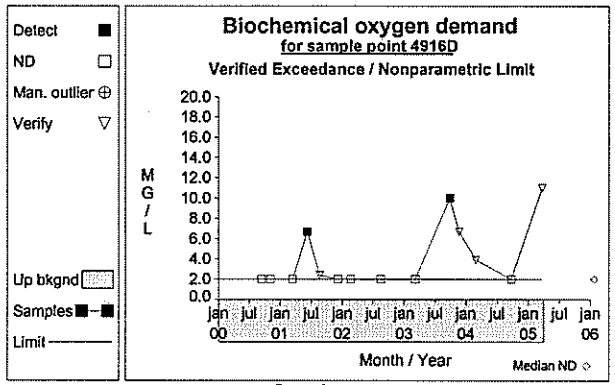
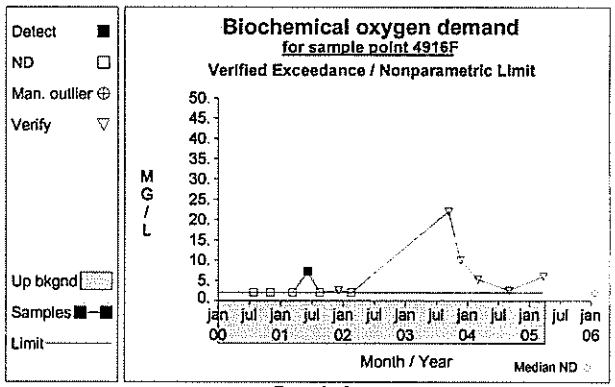


Graph 7

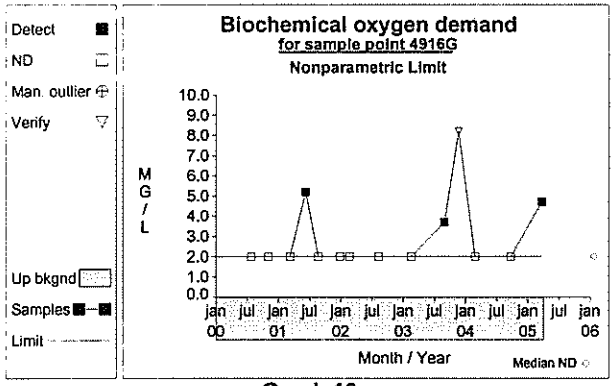


Graph 8

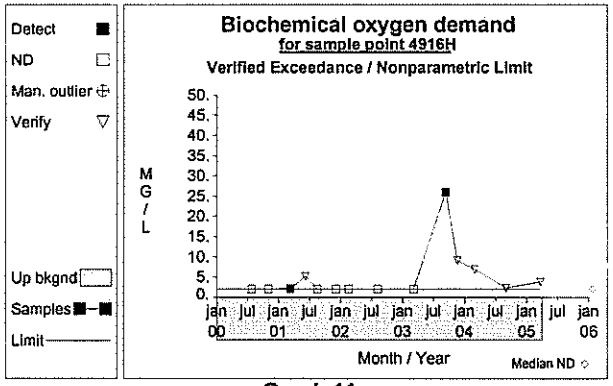


Graph 9

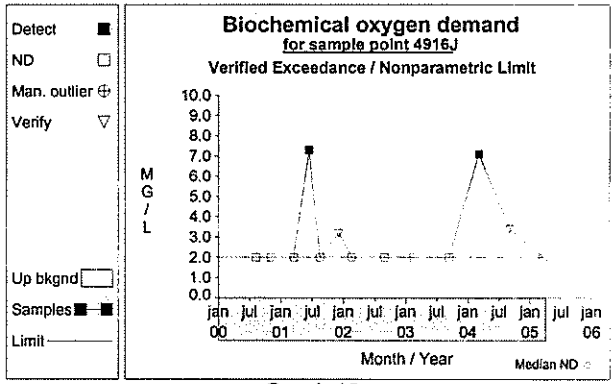
Up vs. Down Prediction Limits



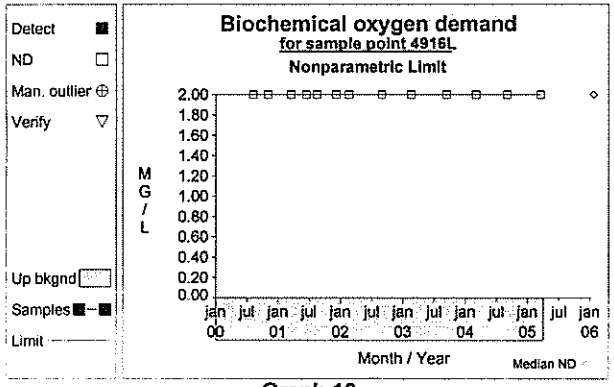
Graph 10



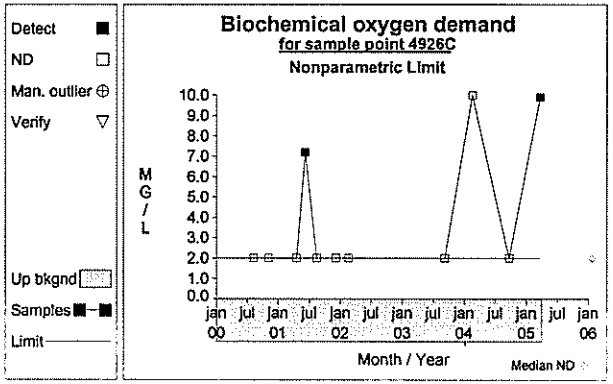
Graph 11



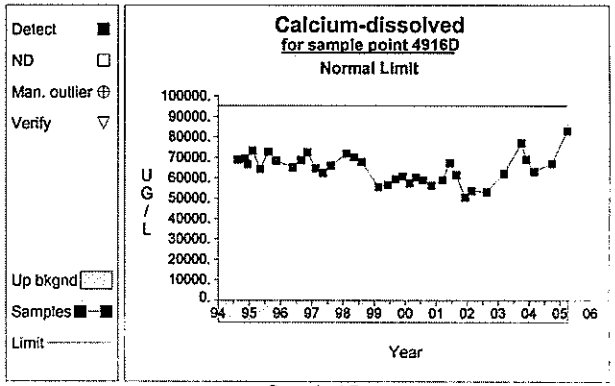
Graph 12



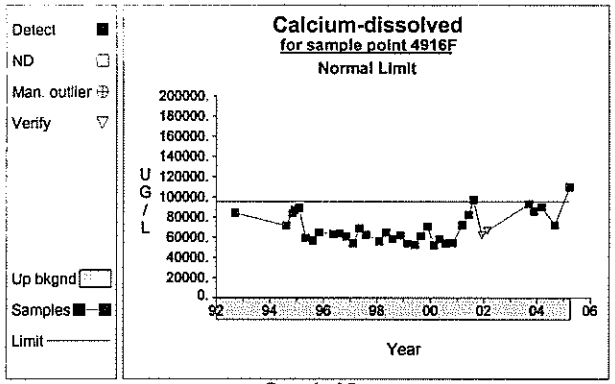
Graph 13



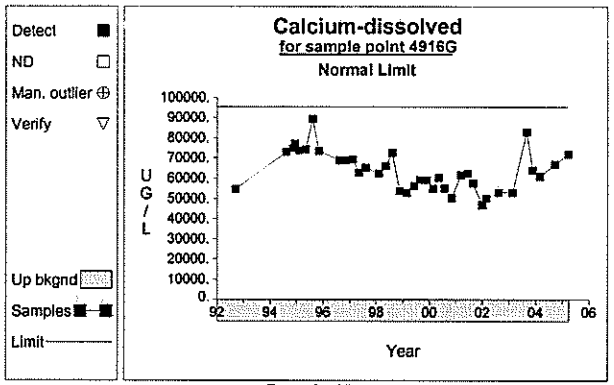
Graph 14



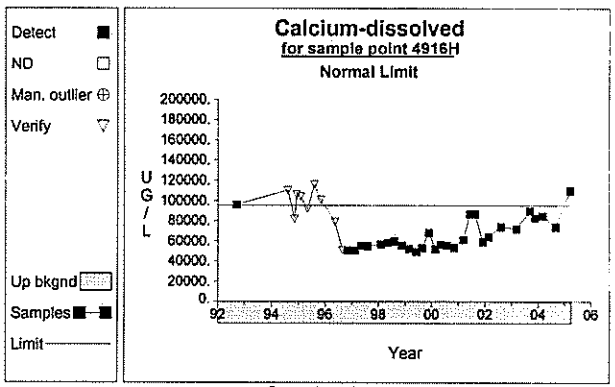
Graph 15



Graph 16

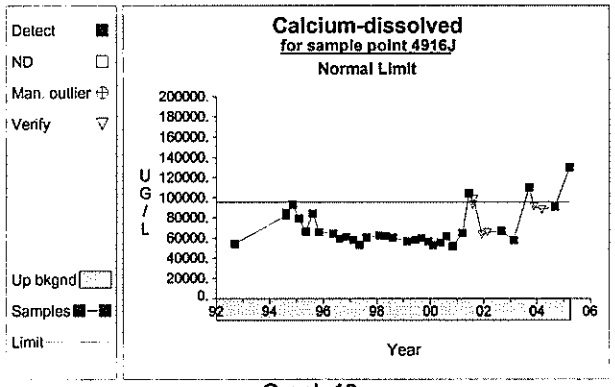


Graph 17

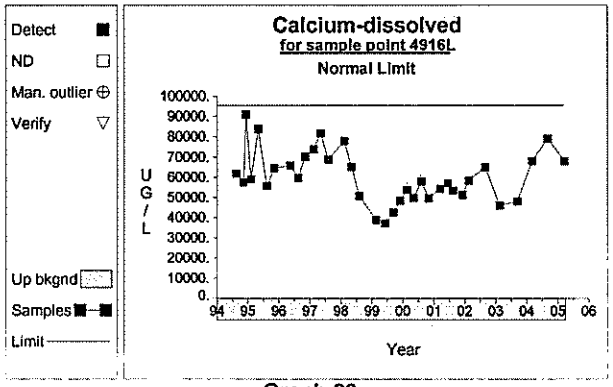


Graph 18

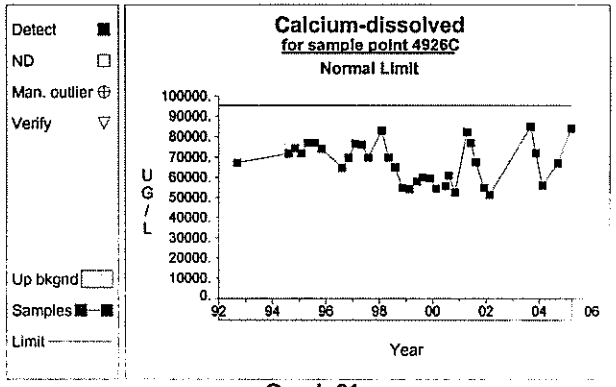
Up vs. Down Prediction Limits



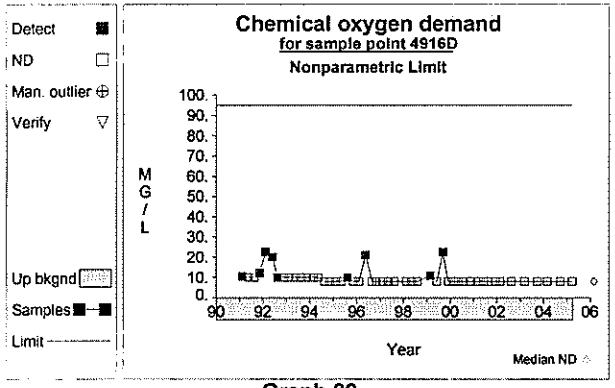
Graph 19



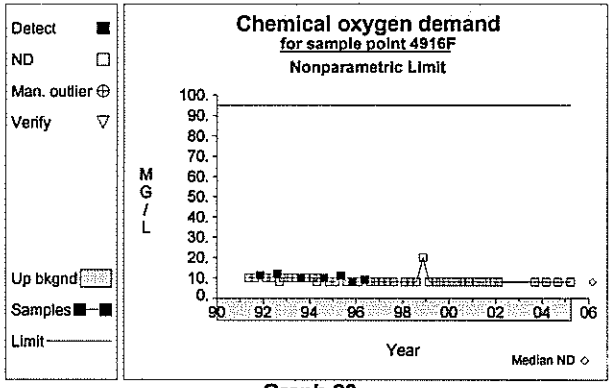
Graph 20



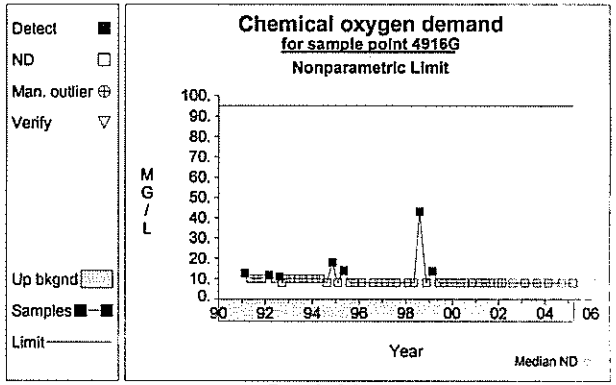
Graph 21



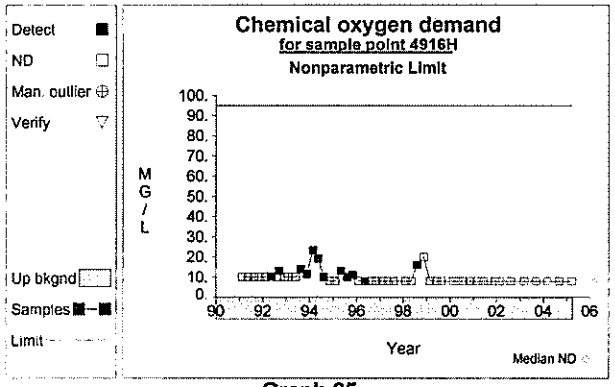
Graph 22



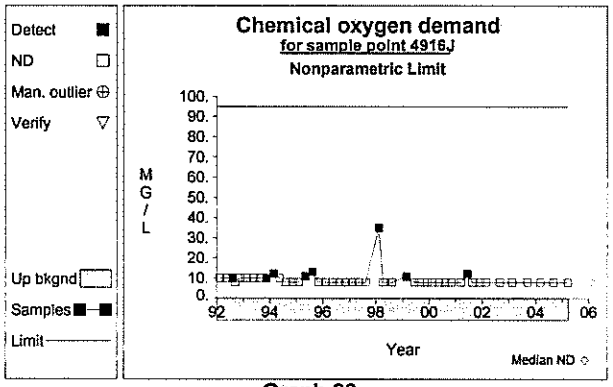
Graph 23



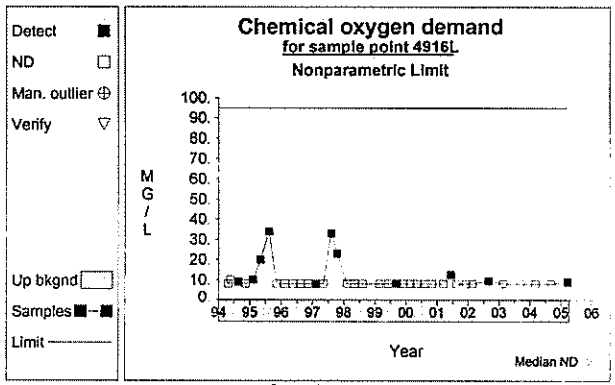
Graph 24



Graph 25

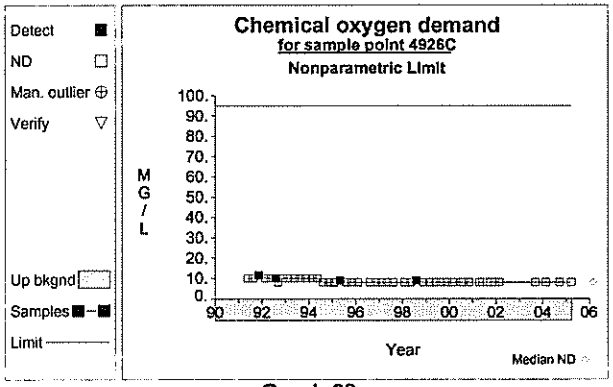


Graph 26

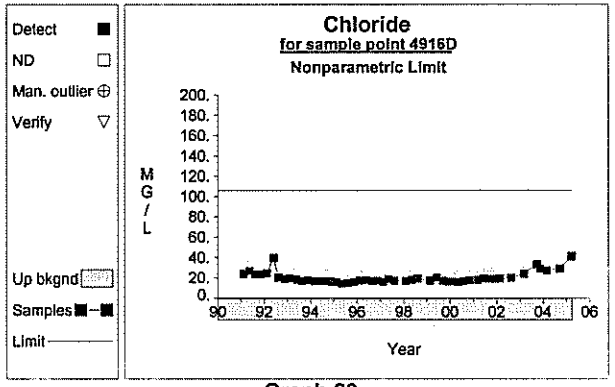


Graph 27

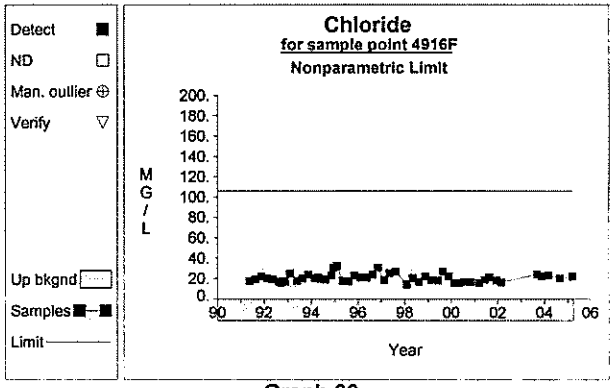
Up vs. Down Prediction Limits



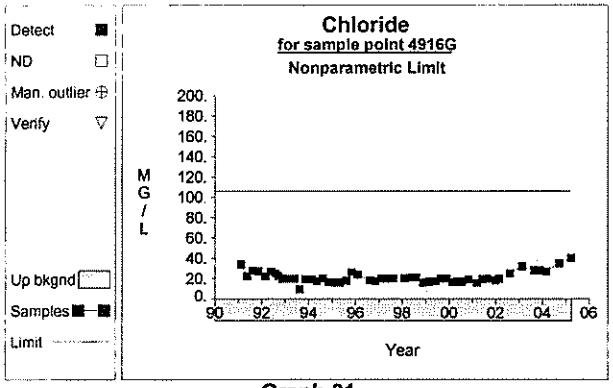
Graph 28



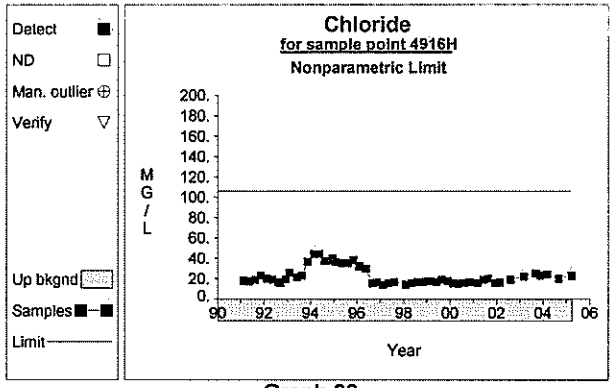
Graph 29



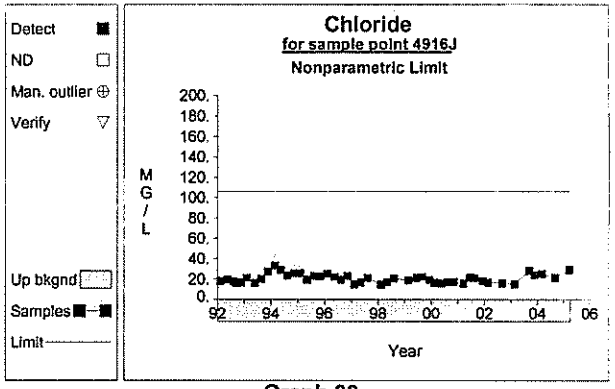
Graph 30



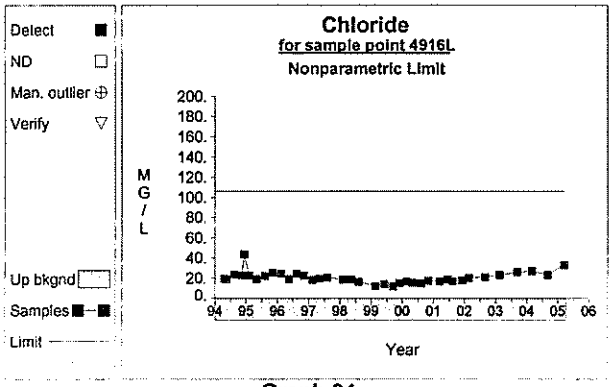
Graph 31



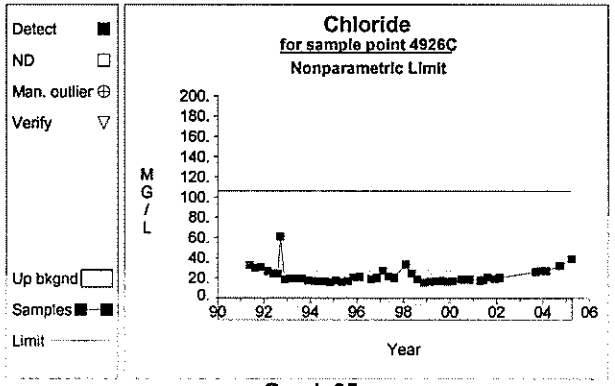
Graph 32



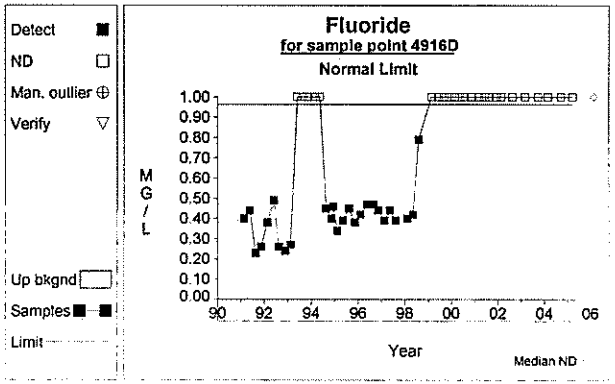
Graph 33



Graph 34

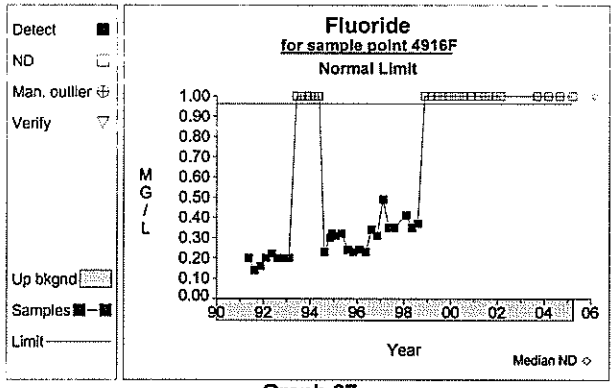


Graph 35

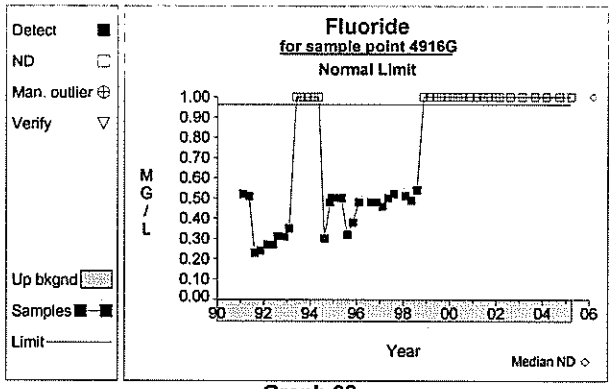


Graph 36

Up vs. Down Prediction Limits



Graph 37



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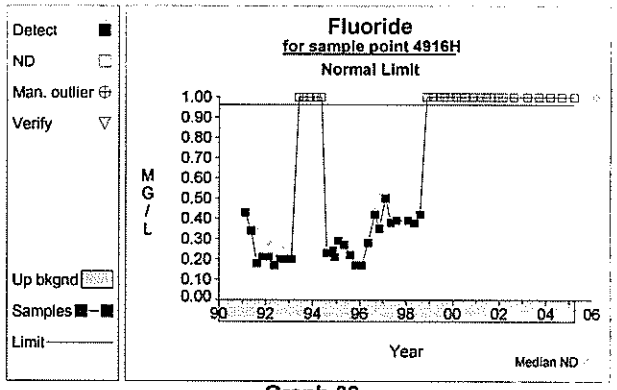
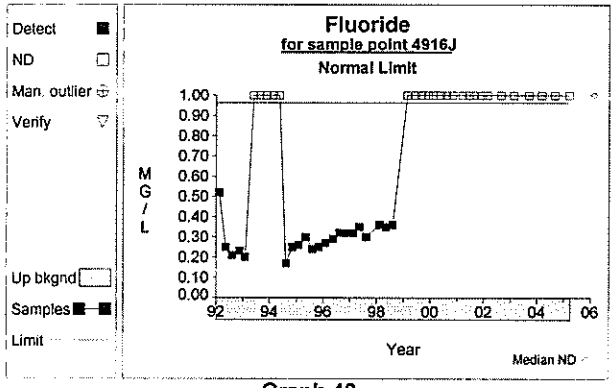
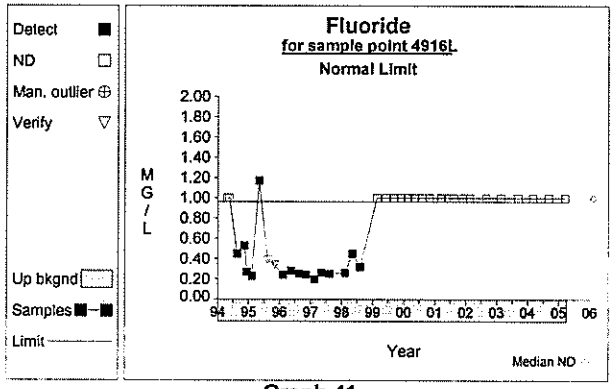


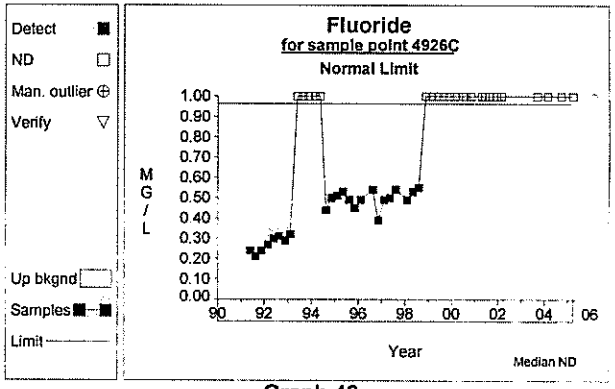
Graph 39



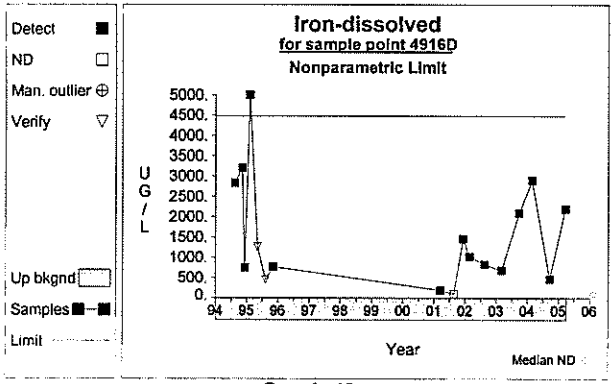
Graph 40



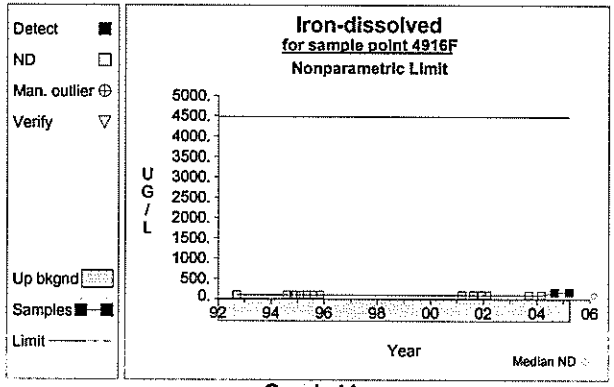
Graph 41



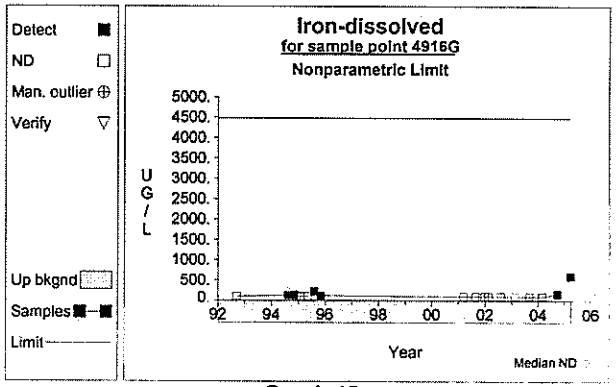
Graph 42



Graph 43

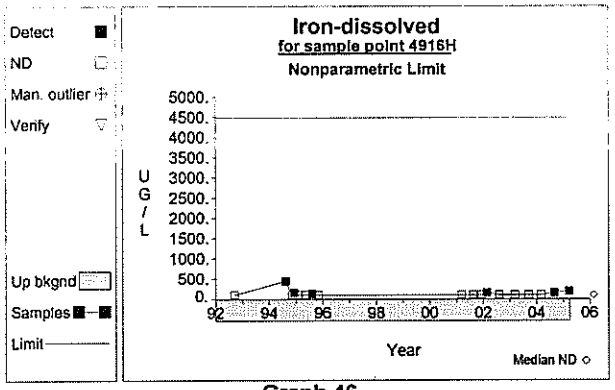


Graph 44

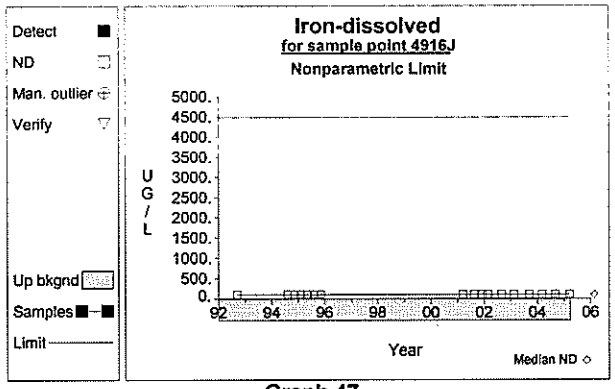


Graph 45

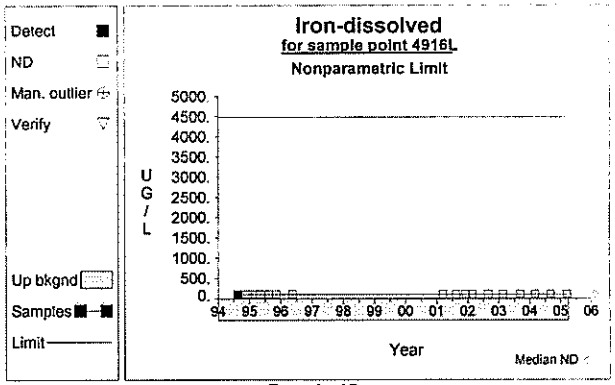
Up vs. Down Prediction Limits



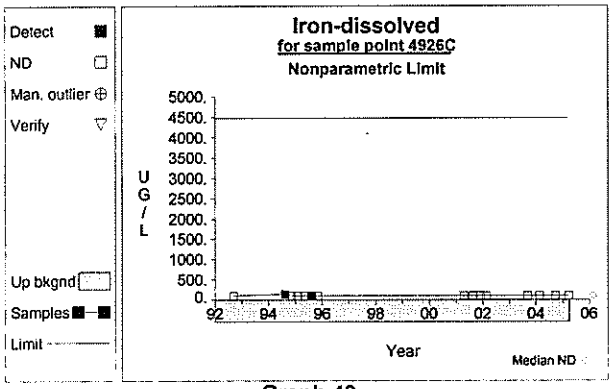
Graph 46



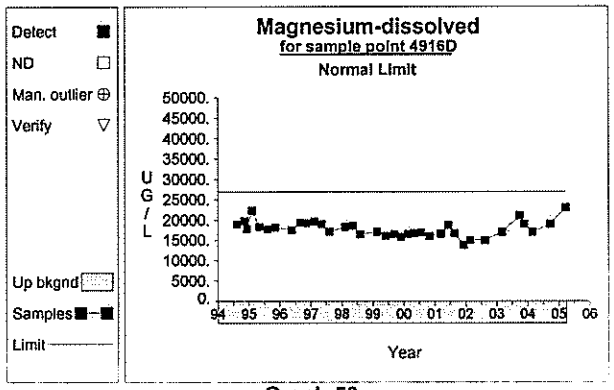
Graph 47



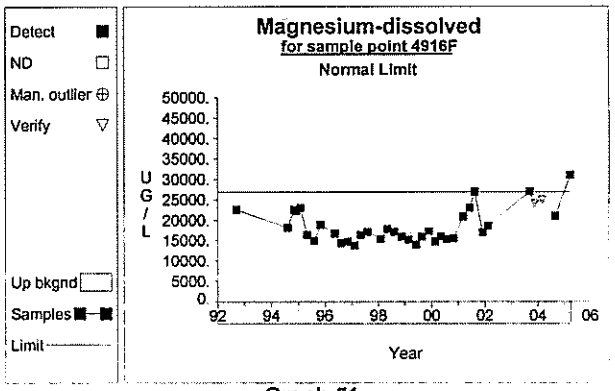
Graph 48



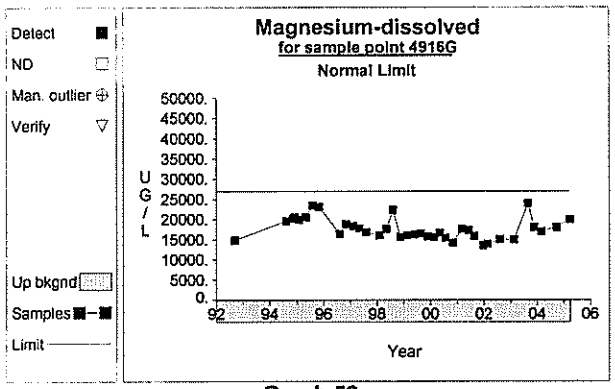
Graph 49



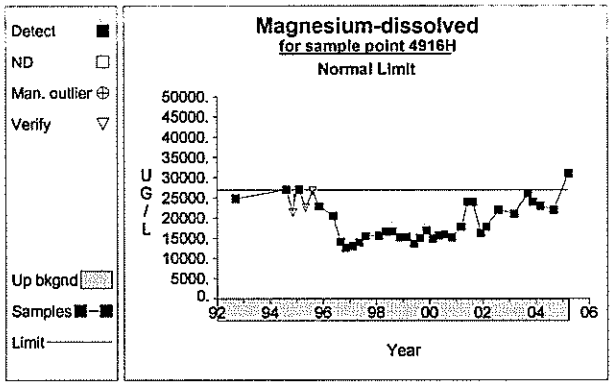
Graph 50



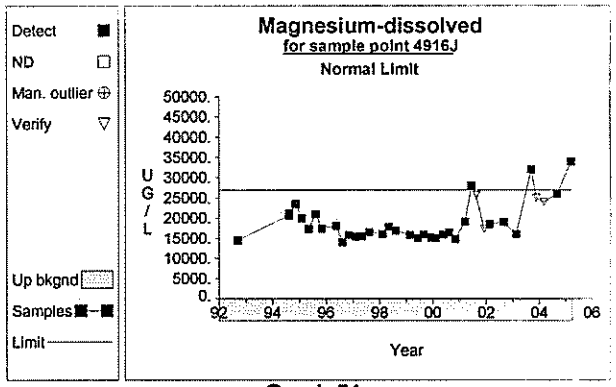
Graph 51



Graph 52

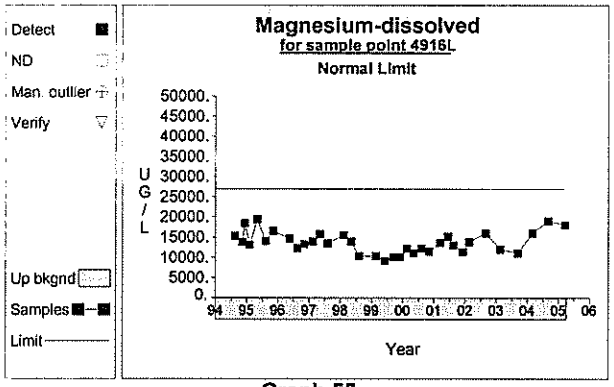


Graph 53

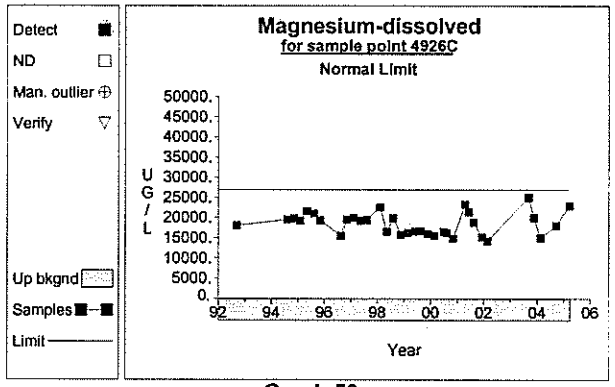


Graph 54

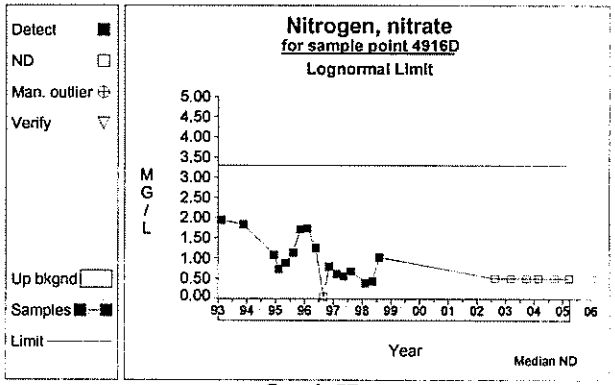
Up vs. Down Prediction Limits



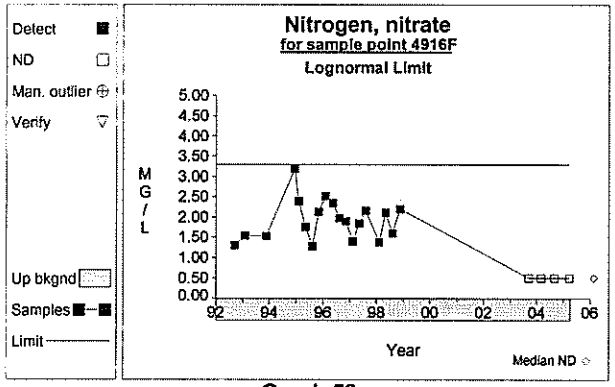
Graph 55



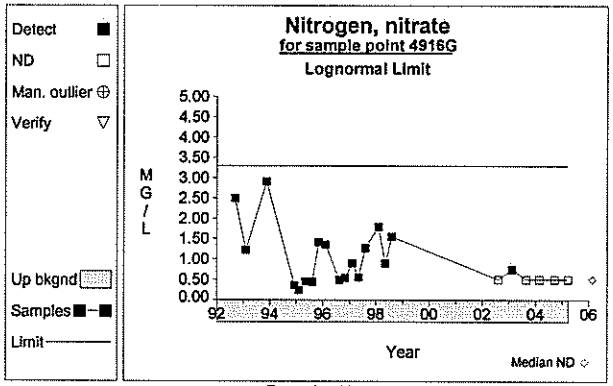
Graph 56



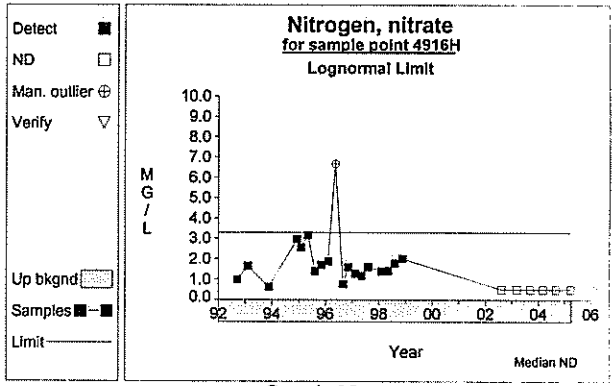
Graph 57



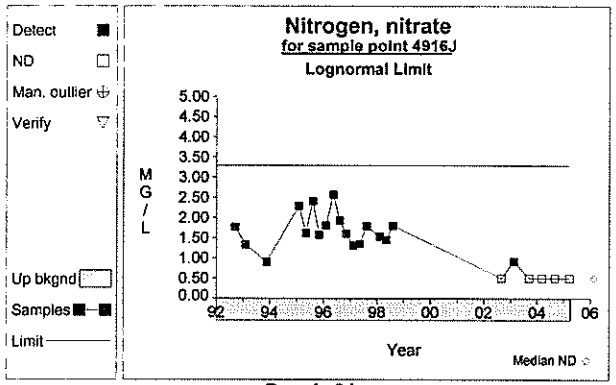
Graph 58



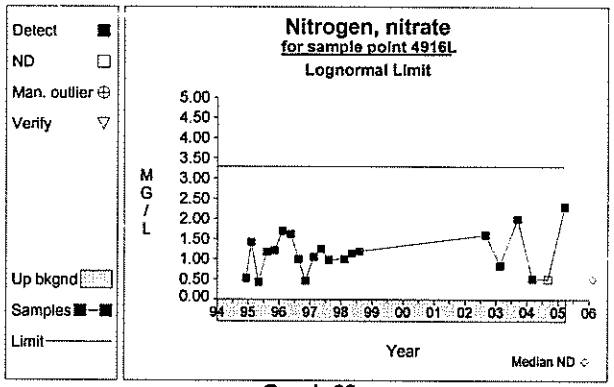
Graph 59



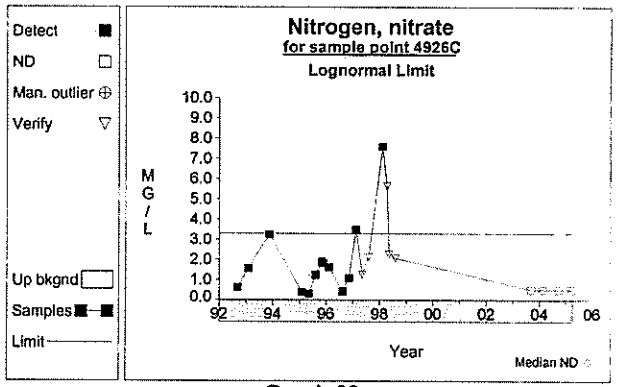
Graph 60



Graph 61

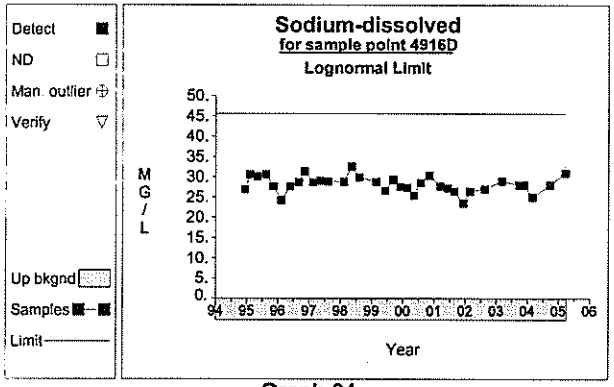


Graph 62

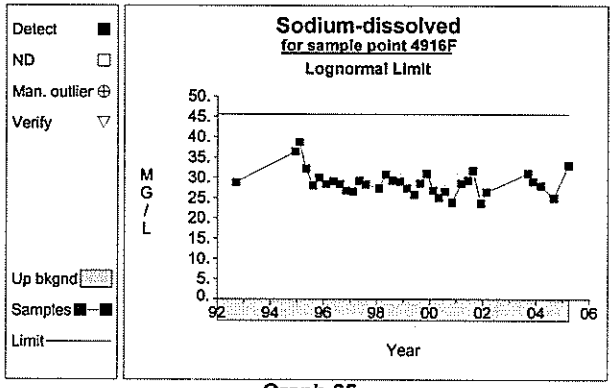


Graph 63

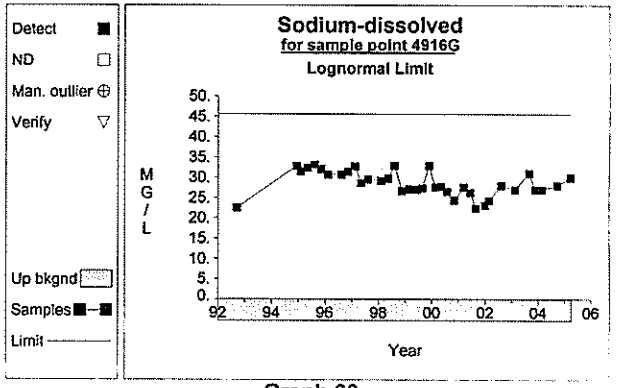
Up vs. Down Prediction Limits



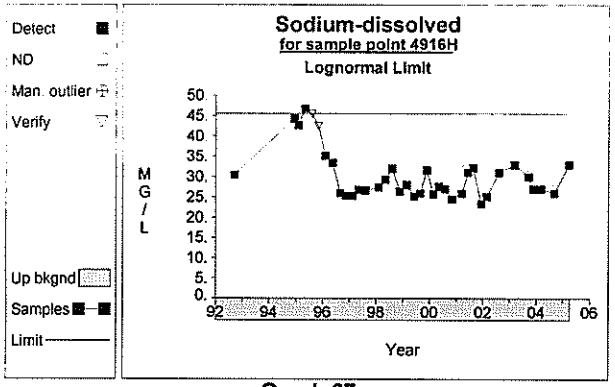
Graph 64



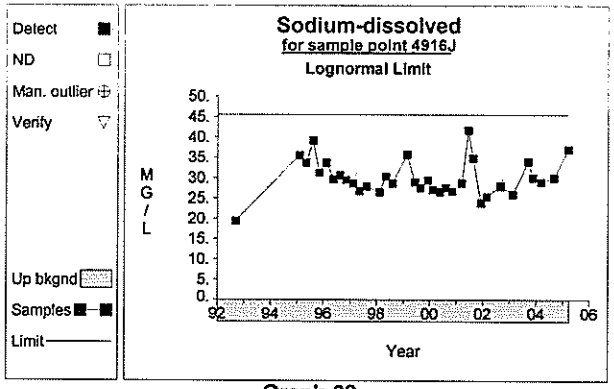
Graph 65



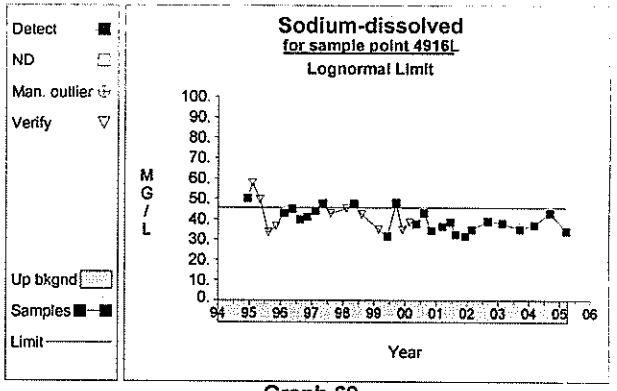
Graph 66



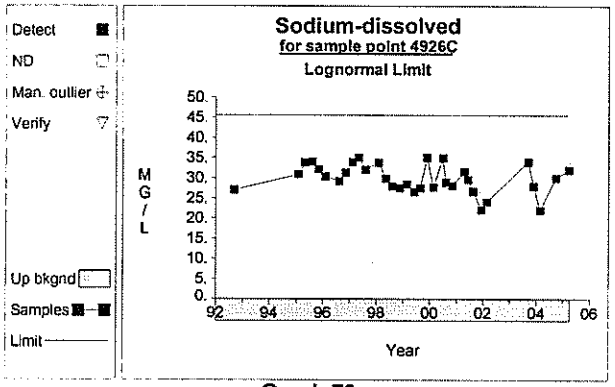
Graph 67



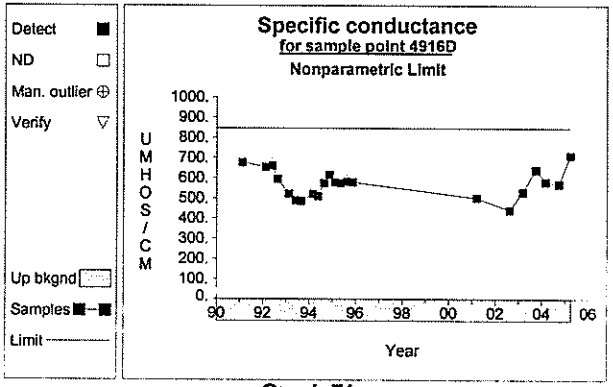
Graph 68



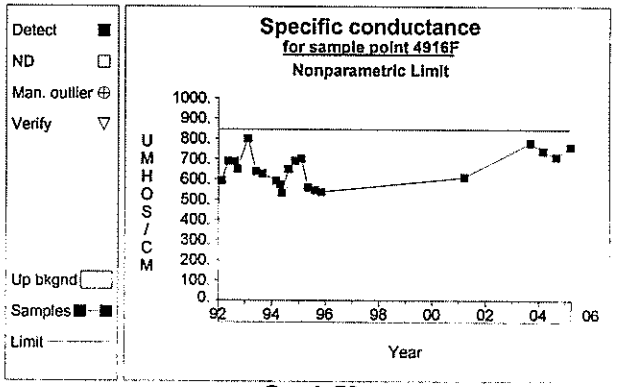
Graph 69



Graph 70

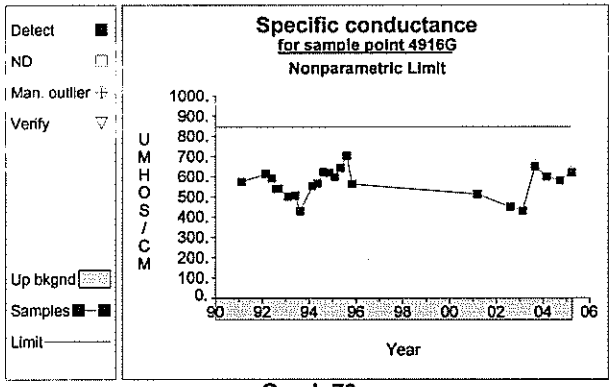


Graph 71

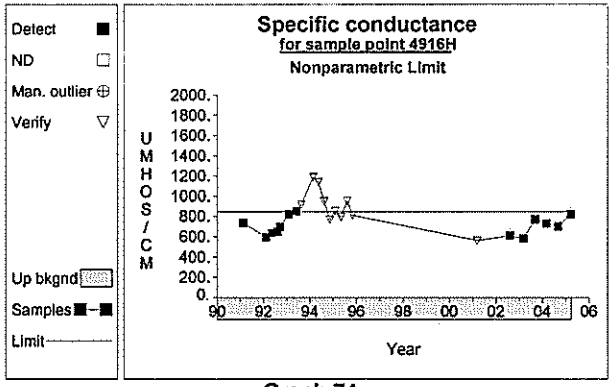


Graph 72

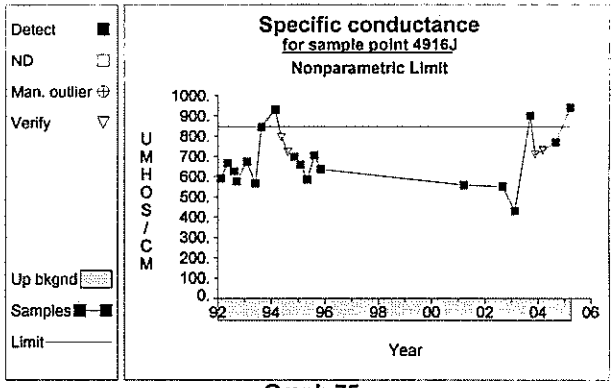
Up vs. Down Prediction Limits



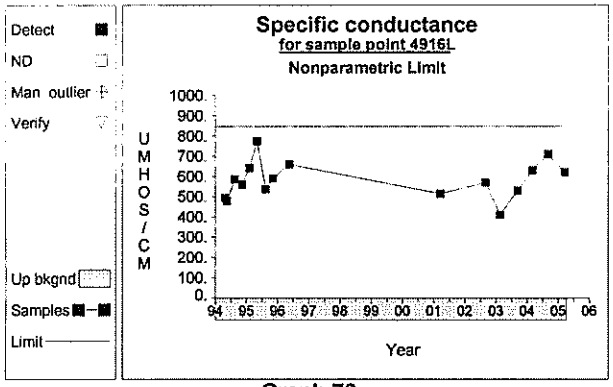
Graph 73



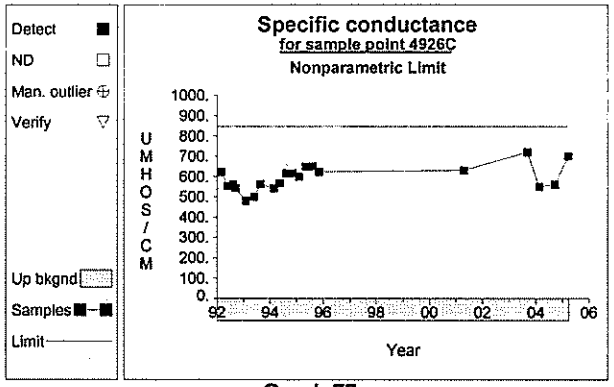
Graph 74



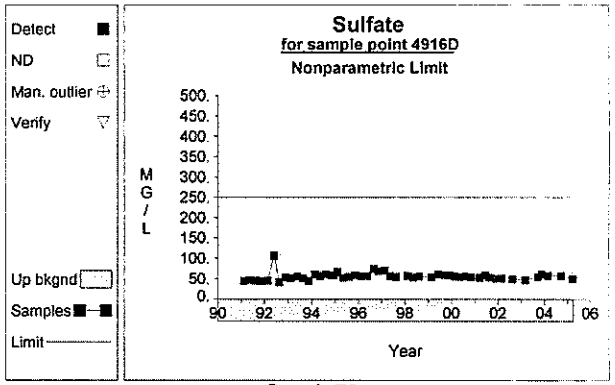
Graph 75



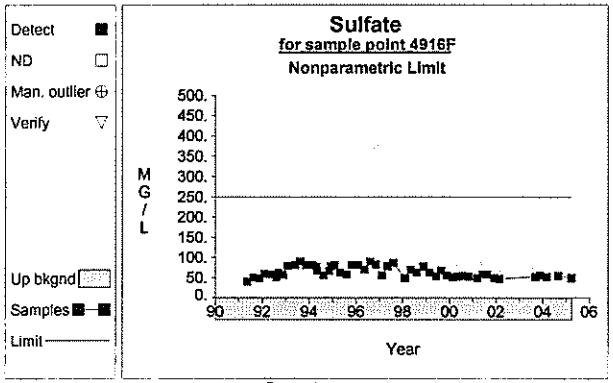
Graph 76



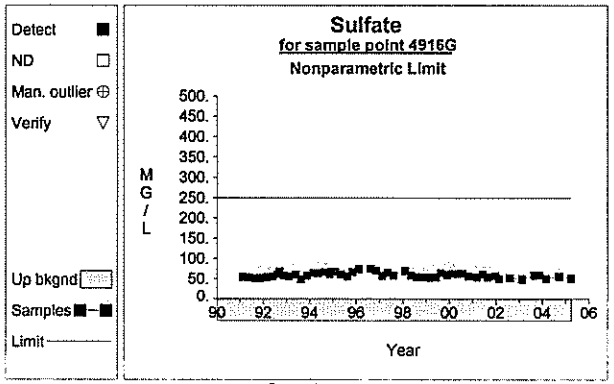
Graph 77



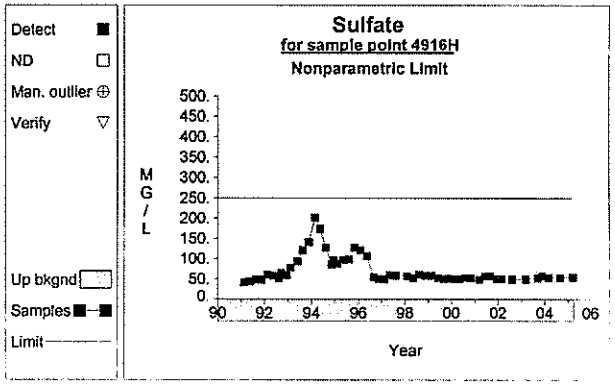
Graph 78



Graph 79

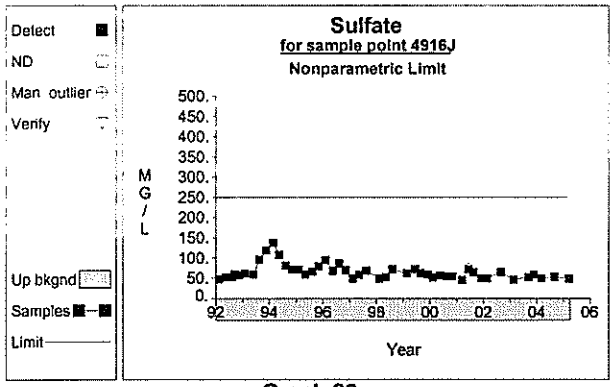


Graph 80

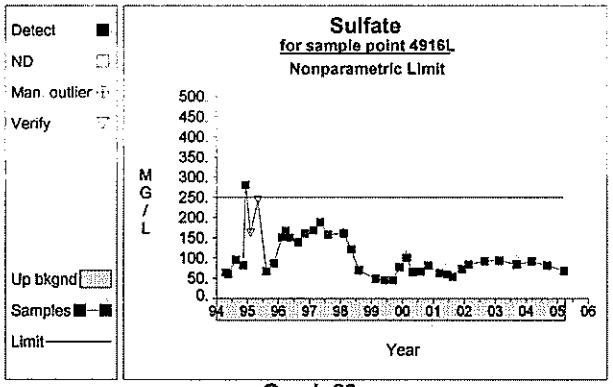


Graph 81

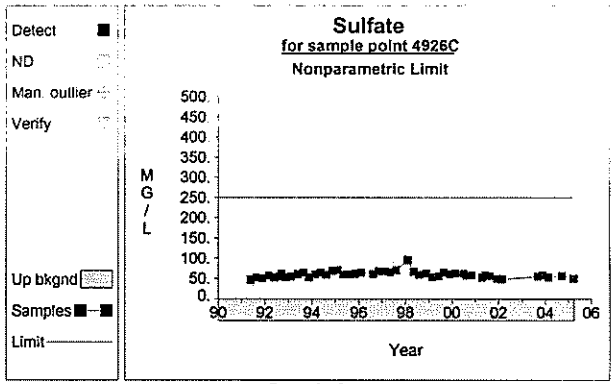
Up vs. Down Prediction Limits



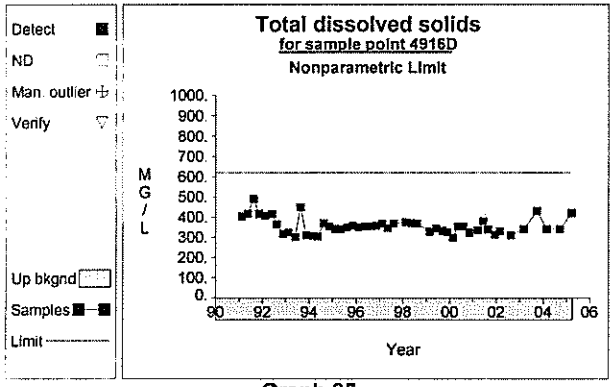
Graph 82



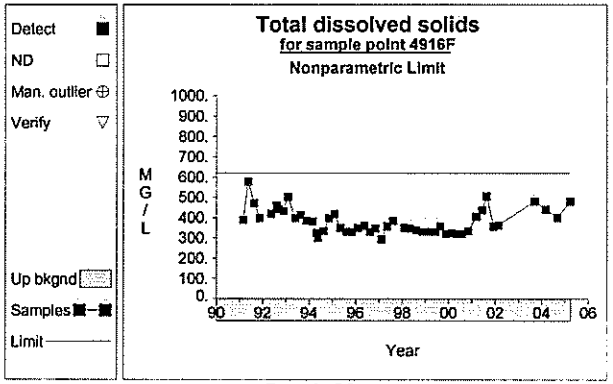
Graph 83



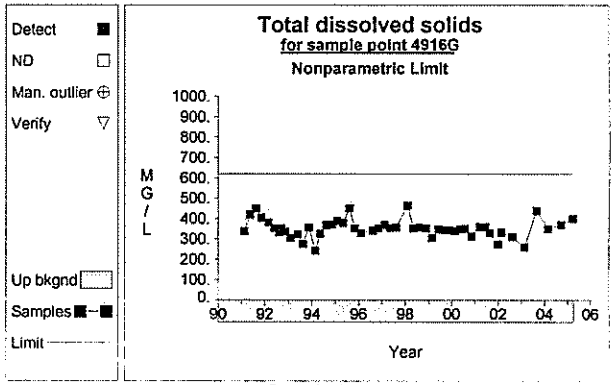
Graph 84



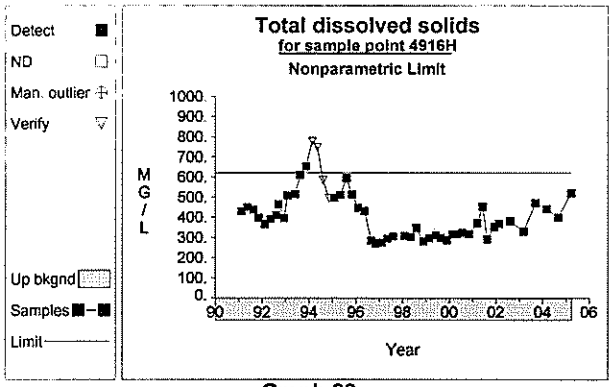
Graph 85



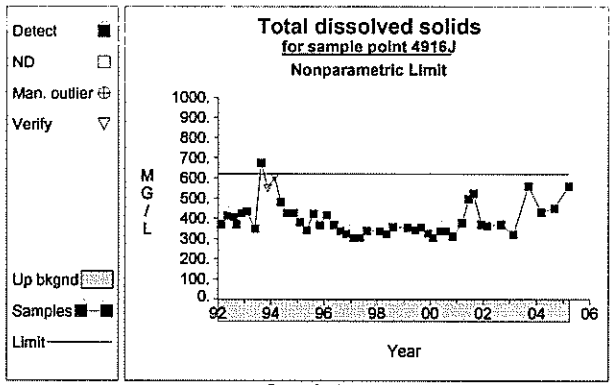
Graph 86



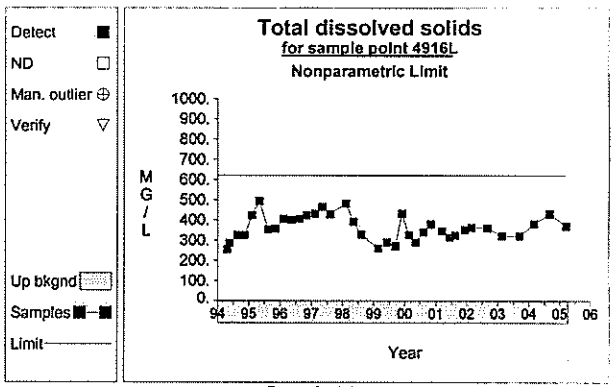
Graph 87



Graph 88

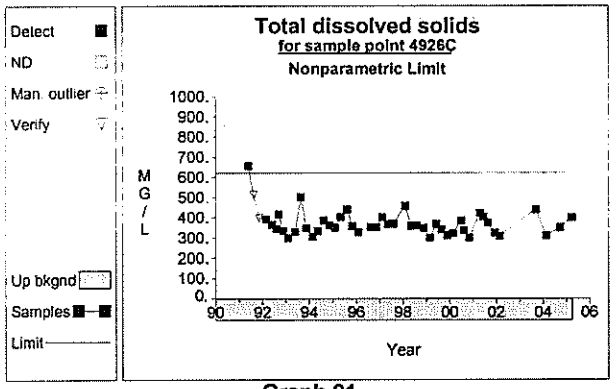


Graph 89

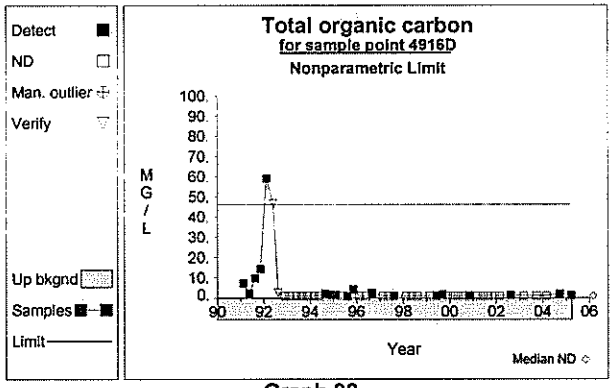


Graph 90

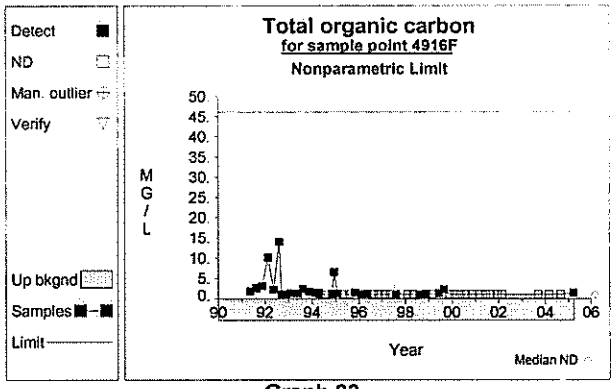
Up vs. Down Prediction Limits



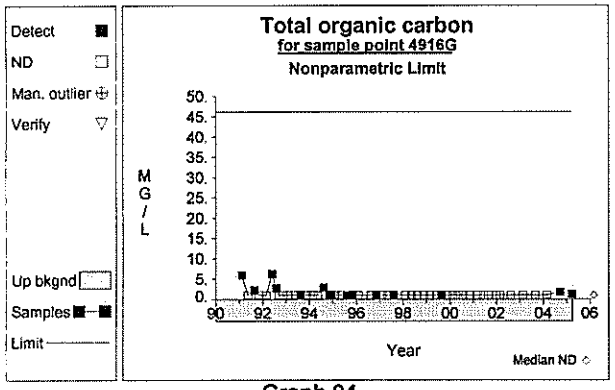
Graph 91



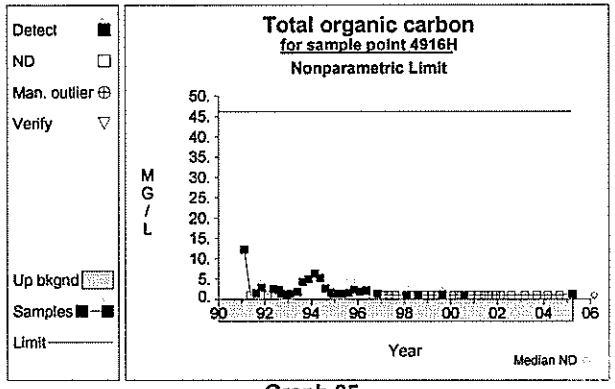
Graph 92



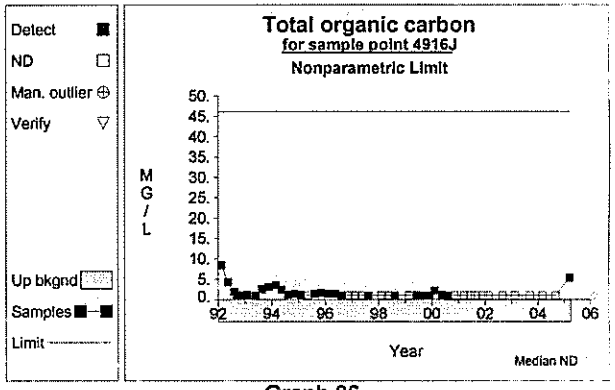
Graph 93



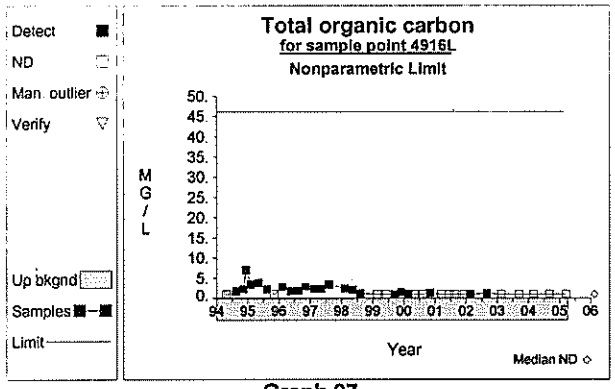
Graph 94



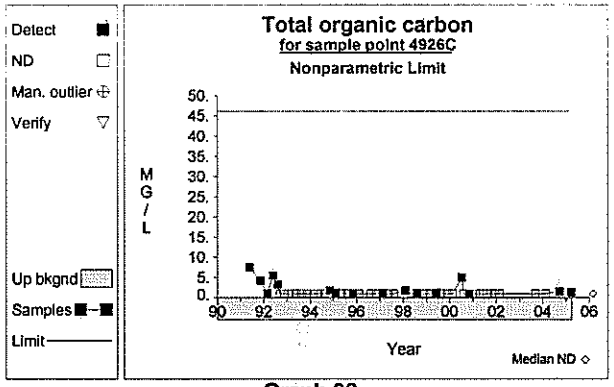
Graph 95



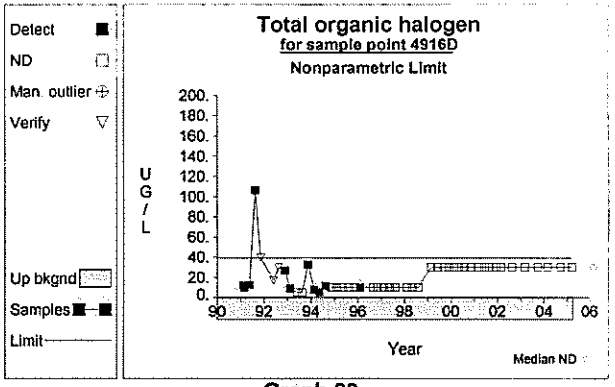
Graph 96



Graph 97

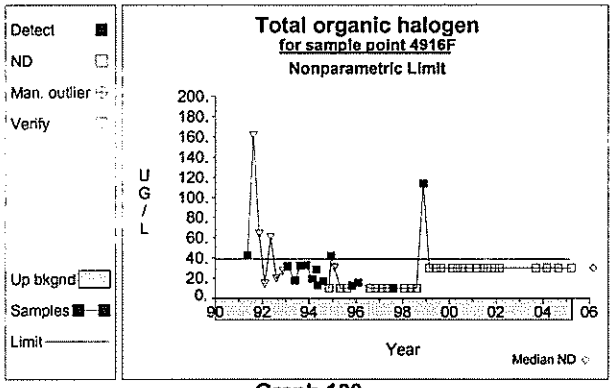


Graph 98

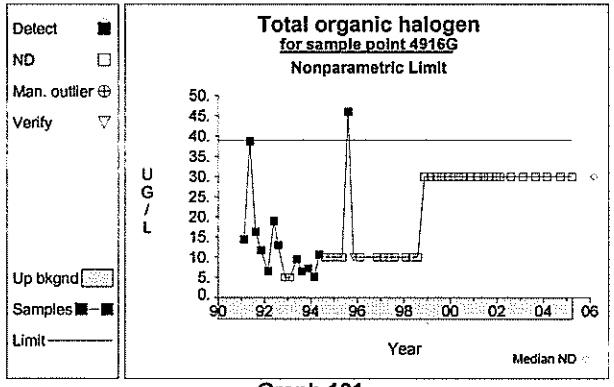


Graph 99

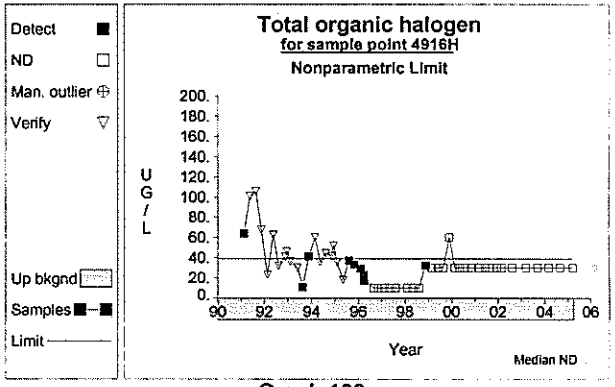
Up vs. Down Prediction Limits



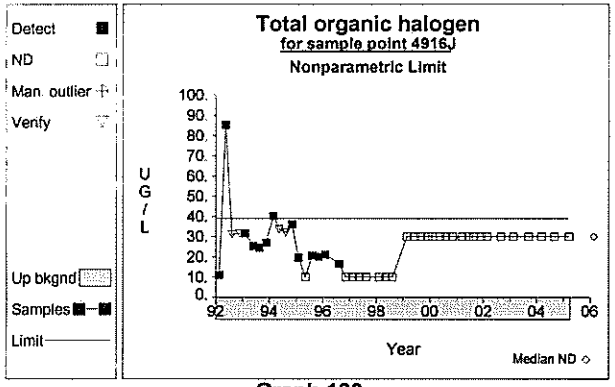
Graph 100



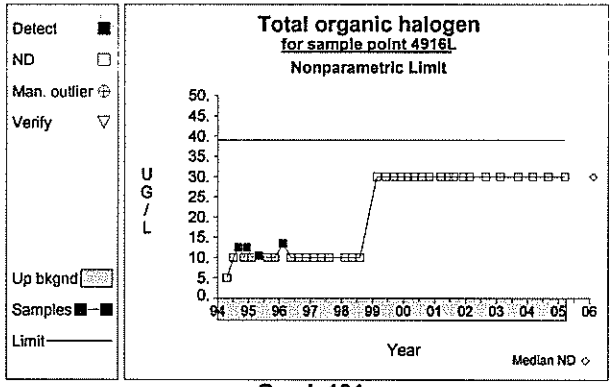
Graph 101



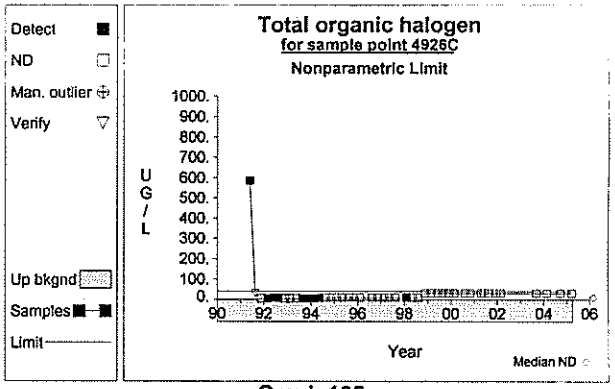
Graph 102



Graph 103



Graph 104



Graph 105

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/10/1991		114.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/12/1991	ND	5.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/11/1992		171.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/14/1992	ND	10.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/10/1992		44.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	09/10/1992		47.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/18/1992		43.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/09/1993		33.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/26/1993		184.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/18/1993		146.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/16/1993		179.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/24/1994		247.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/11/1994		247.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/11/1994		261.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/11/1994		230.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	12/07/1994		226.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/03/1995		226.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/04/1995		263.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/08/1995		207.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/03/1995		192.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/06/1996		173.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/13/1996		196.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/12/1997		230.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/05/1997		189.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/04/1998		178.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/04/1998		191.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/18/1999		191.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/24/1999		177.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/18/2000		144.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	07/26/2000		167.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	03/08/2001		139.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/21/2001		184.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/21/2002		158.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/06/2002		130.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/10/2003		120.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	09/25/2003		170.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/16/2004		190.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	09/01/2004		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	03/15/2005		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/10/1991		114.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/12/1991	ND	5.0000	*
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/11/1992		132.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/13/1992		92.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/10/1992		115.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/17/1992		144.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/09/1993		113.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/25/1993		131.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/13/1993		134.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/18/1993		115.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/23/1994		129.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/10/1994		116.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/16/1994		138.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/07/1994		169.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	12/07/1994		174.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/01/1995		224.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	04/19/1995		136.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/08/1995		132.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/10/1995		124.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/07/1995		127.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/12/1996		156.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/19/1996		177.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/13/1997		175.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/06/1997		163.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/09/1998		162.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/06/1998		136.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/22/1999		136.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/25/1999	ND	5.0000	*
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	03/21/2000		199.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/07/2000		178.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	03/13/2001		180.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/16/2001		153.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/22/2002		156.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/28/2002		230.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/18/2003		200.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	09/26/2003		170.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/27/2004		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	09/22/2004		170.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	03/18/2005		150.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/14/1991		240.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/12/1992		176.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/14/1992		181.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/04/1992		173.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/17/1992		155.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/11/1993		165.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/25/1993		215.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/18/1993		219.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/16/1993		207.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/23/1994		234.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/11/1994		246.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/15/1994		271.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/10/1994		239.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/07/1995		255.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/04/1995		248.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/09/1995		190.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/06/1995		169.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/07/1996		185.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/13/1996		238.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/12/1997		214.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/05/1997		196.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/05/1998		181.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/03/1998		180.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/18/1999		194.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/24/1999		175.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/18/2000		139.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	07/19/2000		168.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	03/08/2001		139.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/21/2001		174.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/20/2002		145.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	09/25/2003		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/16/2004		190.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	09/01/2004		130.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	03/15/2005		200.0000	
Biochemical oxygen demand	MG/L	4915A	09/11/2000	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	03/08/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	08/21/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	02/21/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	08/06/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	02/10/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	09/25/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	02/16/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	09/01/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	03/15/2005	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	08/07/2000	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	03/13/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	08/16/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	02/22/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	08/28/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	02/18/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	09/26/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	02/27/2004	ND	2.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Biochemical oxygen demand	MG/L	4915B	09/22/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	03/18/2005	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	07/19/2000	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	03/08/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	08/21/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	02/20/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	09/25/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	02/16/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	09/01/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	03/15/2005	ND	2.0000	
Calcium-dissolved	UG/L	4915A	09/10/1992		9540.0000	
Calcium-dissolved	UG/L	4915A	08/11/1994		74400.0000	
Calcium-dissolved	UG/L	4915A	11/11/1994		75300.0000	
Calcium-dissolved	UG/L	4915A	12/07/1994		79500.0000	
Calcium-dissolved	UG/L	4915A	02/03/1995		79900.0000	
Calcium-dissolved	UG/L	4915A	05/04/1995		77600.0000	
Calcium-dissolved	UG/L	4915A	08/08/1995		65300.0000	
Calcium-dissolved	UG/L	4915A	11/03/1995		54400.0000	
Calcium-dissolved	UG/L	4915A	08/13/1996		59700.0000	
Calcium-dissolved	UG/L	4915A	02/12/1997		76200.0000	
Calcium-dissolved	UG/L	4915A	08/05/1997		59000.0000	
Calcium-dissolved	UG/L	4915A	02/04/1998		107000.0000	
Calcium-dissolved	UG/L	4915A	08/04/1998		60500.0000	
Calcium-dissolved	UG/L	4915A	02/18/1999		56700.0000	
Calcium-dissolved	UG/L	4915A	08/24/1999		59100.0000	
Calcium-dissolved	UG/L	4915A	02/18/2000		50400.0000	
Calcium-dissolved	UG/L	4915A	07/26/2000		57100.0000	
Calcium-dissolved	UG/L	4915A	03/08/2001		44800.0000	
Calcium-dissolved	UG/L	4915A	08/21/2001		55100.0000	
Calcium-dissolved	UG/L	4915A	02/21/2002		49000.0000	
Calcium-dissolved	UG/L	4915A	08/06/2002		51000.0000	
Calcium-dissolved	UG/L	4915A	02/10/2003		44000.0000	
Calcium-dissolved	UG/L	4915A	09/25/2003		56000.0000	
Calcium-dissolved	UG/L	4915A	02/16/2004		60000.0000	
Calcium-dissolved	UG/L	4915A	09/01/2004		50000.0000	
Calcium-dissolved	UG/L	4915A	03/15/2005		48000.0000	
Calcium-dissolved	UG/L	4915B	08/16/1994		71000.0000	
Calcium-dissolved	UG/L	4915B	11/07/1994		53900.0000	
Calcium-dissolved	UG/L	4915B	12/07/1994		55200.0000	
Calcium-dissolved	UG/L	4915B	02/01/1995		66000.0000	
Calcium-dissolved	UG/L	4915B	04/19/1995		18600.0000	
Calcium-dissolved	UG/L	4915B	05/08/1995		18200.0000	
Calcium-dissolved	UG/L	4915B	08/10/1995		26800.0000	
Calcium-dissolved	UG/L	4915B	11/07/1995		33700.0000	
Calcium-dissolved	UG/L	4915B	08/19/1996		54400.0000	
Calcium-dissolved	UG/L	4915B	02/13/1997		50400.0000	
Calcium-dissolved	UG/L	4915B	08/06/1997		45400.0000	
Calcium-dissolved	UG/L	4915B	02/09/1998		50100.0000	
Calcium-dissolved	UG/L	4915B	08/06/1998		32000.0000	
Calcium-dissolved	UG/L	4915B	02/22/1999		42000.0000	
Calcium-dissolved	UG/L	4915B	08/25/1999		56100.0000	
Calcium-dissolved	UG/L	4915B	03/21/2000		58600.0000	
Calcium-dissolved	UG/L	4915B	08/07/2000		60900.0000	
Calcium-dissolved	UG/L	4915B	03/13/2001		50000.0000	
Calcium-dissolved	UG/L	4915B	08/16/2001		44200.0000	
Calcium-dissolved	UG/L	4915B	02/22/2002		44300.0000	
Calcium-dissolved	UG/L	4915B	08/28/2002		74000.0000	
Calcium-dissolved	UG/L	4915B	02/18/2003		90000.0000	
Calcium-dissolved	UG/L	4915B	09/26/2003		51000.0000	
Calcium-dissolved	UG/L	4915B	02/27/2004		47000.0000	
Calcium-dissolved	UG/L	4915B	09/22/2004		62000.0000	
Calcium-dissolved	UG/L	4915B	03/18/2005		45000.0000	
Calcium-dissolved	UG/L	4915C	08/15/1994		84150.0000	
Calcium-dissolved	UG/L	4915C	11/10/1994		81100.0000	
Calcium-dissolved	UG/L	4915C	02/07/1995		83800.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Calcium-dissolved	UG/L	4915C	05/04/1995		78700.0000	
Calcium-dissolved	UG/L	4915C	08/09/1995		65800.0000	
Calcium-dissolved	UG/L	4915C	11/06/1995		51400.0000	
Calcium-dissolved	UG/L	4915C	08/13/1996		70100.0000	
Calcium-dissolved	UG/L	4915C	02/12/1997		63000.0000	
Calcium-dissolved	UG/L	4915C	08/05/1997		58700.0000	
Calcium-dissolved	UG/L	4915C	02/05/1998		55900.0000	
Calcium-dissolved	UG/L	4915C	08/03/1998		54800.0000	
Calcium-dissolved	UG/L	4915C	02/18/1999		59800.0000	
Calcium-dissolved	UG/L	4915C	08/24/1999		57800.0000	
Calcium-dissolved	UG/L	4915C	02/18/2000		48800.0000	
Calcium-dissolved	UG/L	4915C	07/19/2000		54100.0000	
Calcium-dissolved	UG/L	4915C	03/08/2001		42500.0000	
Calcium-dissolved	UG/L	4915C	08/21/2001		52800.0000	
Calcium-dissolved	UG/L	4915C	02/20/2002		47900.0000	
Calcium-dissolved	UG/L	4915C	09/25/2003		52000.0000	
Calcium-dissolved	UG/L	4915C	02/16/2004		61000.0000	
Calcium-dissolved	UG/L	4915C	09/01/2004		49000.0000	
Calcium-dissolved	UG/L	4915C	03/15/2005		59000.0000	
Chemical oxygen demand	MG/L	4915A	02/11/1991		21.7500	
Chemical oxygen demand	MG/L	4915A	05/10/1991		15.0000	
Chemical oxygen demand	MG/L	4915A	08/12/1991		10.0000	
Chemical oxygen demand	MG/L	4915A	11/06/1991		10.5000	
Chemical oxygen demand	MG/L	4915A	02/11/1992		11.0000	
Chemical oxygen demand	MG/L	4915A	05/14/1992		15.0000	
Chemical oxygen demand	MG/L	4915A	08/10/1992		10.0000	
Chemical oxygen demand	MG/L	4915A	09/10/1992		10.0000	
Chemical oxygen demand	MG/L	4915A	11/18/1992	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	02/09/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	05/26/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	08/18/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	11/16/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	02/24/1994	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	05/11/1994	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	08/11/1994	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	11/11/1994	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/03/1995	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	05/04/1995		11.0000	
Chemical oxygen demand	MG/L	4915A	08/08/1995	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	11/03/1995		235.0000	*
Chemical oxygen demand	MG/L	4915A	02/06/1996		14.0000	
Chemical oxygen demand	MG/L	4915A	08/13/1996	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/12/1997	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/05/1997	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/04/1998		16.0000	
Chemical oxygen demand	MG/L	4915A	08/04/1998		95.0000	
Chemical oxygen demand	MG/L	4915A	02/18/1999	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/24/1999	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/18/2000	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	07/26/2000	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/21/2001	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/21/2002	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/06/2002		11.0000	
Chemical oxygen demand	MG/L	4915A	02/10/2003	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	09/25/2003	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/16/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	09/01/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	03/15/2005	ND	8.0000	
Chemical oxygen demand	MG/L	4915B	02/11/1991		15.2500	
Chemical oxygen demand	MG/L	4915B	05/10/1991		10.0000	
Chemical oxygen demand	MG/L	4915B	08/12/1991	ND	10.0000	
Chemical oxygen demand	MG/L	4915B	11/06/1991		11.0000	
Chemical oxygen demand	MG/L	4915B	02/11/1992		11.5000	
Chemical oxygen demand	MG/L	4915B	05/13/1992		13.7500	
Chemical oxygen demand	MG/L	4915B	08/10/1992		10.5000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Chemical oxygen demand	MG/L	4915B	11/17/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915B	02/09/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	05/25/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	08/13/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	11/18/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	02/23/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915B	05/10/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915B	08/16/1994		13.0000
Chemical oxygen demand	MG/L	4915B	11/07/1994	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/01/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915B	04/19/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915B	05/08/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/10/1995		20.0000
Chemical oxygen demand	MG/L	4915B	11/07/1995		9.0000
Chemical oxygen demand	MG/L	4915B	02/12/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/19/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/13/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/06/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/09/1998		70.0000
Chemical oxygen demand	MG/L	4915B	08/06/1998	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/22/1999		8.4000
Chemical oxygen demand	MG/L	4915B	08/25/1999	ND	8.0000
Chemical oxygen demand	MG/L	4915B	03/21/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/07/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915B	03/13/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/16/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/22/2002	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/28/2002	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/18/2003	ND	8.0000
Chemical oxygen demand	MG/L	4915B	09/26/2003	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/27/2004	ND	8.0000
Chemical oxygen demand	MG/L	4915B	09/22/2004	ND	8.0000
Chemical oxygen demand	MG/L	4915B	03/18/2005	ND	8.0000
Chemical oxygen demand	MG/L	4915C	05/14/1991	ND	10.0000
Chemical oxygen demand	MG/L	4915C	11/07/1991	ND	10.0000
Chemical oxygen demand	MG/L	4915C	02/12/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915C	05/14/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915C	08/04/1992		11.0000
Chemical oxygen demand	MG/L	4915C	11/17/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915C	02/11/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	05/25/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	08/18/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	11/16/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	02/23/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915C	05/11/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915C	08/15/1994	ND	8.0000
Chemical oxygen demand	MG/L	4915C	11/10/1994	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/07/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915C	05/04/1995		9.0000
Chemical oxygen demand	MG/L	4915C	08/09/1995		13.0000
Chemical oxygen demand	MG/L	4915C	11/06/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/07/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/13/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/12/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/05/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/05/1998	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/03/1998	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/18/1999	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/24/1999	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/18/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915C	07/19/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915C	03/08/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/21/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/20/2002	ND	8.0000
Chemical oxygen demand	MG/L	4915C	09/25/2003	ND	8.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Chemical oxygen demand	MG/L	4915C	02/16/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915C	09/01/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915C	03/15/2005	ND	8.0000	
Chloride	MG/L	4915A	02/11/1991		50.4000	
Chloride	MG/L	4915A	05/10/1991		43.6250	
Chloride	MG/L	4915A	08/12/1991		44.8250	
Chloride	MG/L	4915A	11/06/1991		39.9250	
Chloride	MG/L	4915A	02/11/1992		27.0250	
Chloride	MG/L	4915A	05/14/1992		23.5500	
Chloride	MG/L	4915A	08/10/1992		20.2750	
Chloride	MG/L	4915A	09/10/1992		22.4000	
Chloride	MG/L	4915A	11/18/1992		19.6500	
Chloride	MG/L	4915A	02/09/1993		22.1000	
Chloride	MG/L	4915A	05/26/1993		16.3500	
Chloride	MG/L	4915A	08/18/1993		19.6500	
Chloride	MG/L	4915A	11/16/1993		17.4750	
Chloride	MG/L	4915A	02/24/1994		16.8250	
Chloride	MG/L	4915A	05/11/1994		16.1750	
Chloride	MG/L	4915A	08/11/1994		16.0000	
Chloride	MG/L	4915A	11/11/1994		19.3000	
Chloride	MG/L	4915A	12/07/1994		22.0000	
Chloride	MG/L	4915A	02/03/1995		25.6000	
Chloride	MG/L	4915A	05/04/1995		16.8000	
Chloride	MG/L	4915A	08/08/1995		17.4000	
Chloride	MG/L	4915A	11/03/1995		17.5000	
Chloride	MG/L	4915A	02/06/1996		18.6000	
Chloride	MG/L	4915A	08/13/1996		18.7000	
Chloride	MG/L	4915A	02/12/1997		34.9000	
Chloride	MG/L	4915A	08/05/1997		19.2000	
Chloride	MG/L	4915A	02/04/1998		40.6000	
Chloride	MG/L	4915A	08/04/1998		14.8000	
Chloride	MG/L	4915A	02/18/1999		16.8000	
Chloride	MG/L	4915A	08/24/1999		19.1000	
Chloride	MG/L	4915A	02/18/2000		17.6000	
Chloride	MG/L	4915A	07/26/2000		18.0000	
Chloride	MG/L	4915A	03/08/2001		14.9000	
Chloride	MG/L	4915A	08/21/2001		18.1000	
Chloride	MG/L	4915A	02/21/2002		22.6000	
Chloride	MG/L	4915A	08/06/2002		42.0000	
Chloride	MG/L	4915A	02/10/2003		34.0000	
Chloride	MG/L	4915A	09/25/2003		24.0000	
Chloride	MG/L	4915A	02/16/2004		27.0000	
Chloride	MG/L	4915A	09/01/2004		39.0000	
Chloride	MG/L	4915A	03/15/2005		23.0000	
Chloride	MG/L	4915B	02/11/1991		77.2000	
Chloride	MG/L	4915B	05/10/1991		106.0000	
Chloride	MG/L	4915B	08/12/1991		16.8250	
Chloride	MG/L	4915B	11/06/1991		15.7500	
Chloride	MG/L	4915B	02/11/1992		39.9500	
Chloride	MG/L	4915B	05/13/1992		80.7000	
Chloride	MG/L	4915B	08/10/1992		43.8000	
Chloride	MG/L	4915B	11/17/1992		11.1750	
Chloride	MG/L	4915B	02/09/1993		78.3500	
Chloride	MG/L	4915B	05/25/1993		22.6250	
Chloride	MG/L	4915B	08/13/1993		14.9750	
Chloride	MG/L	4915B	11/18/1993		18.4500	
Chloride	MG/L	4915B	02/23/1994		35.8000	
Chloride	MG/L	4915B	05/10/1994		51.6750	
Chloride	MG/L	4915B	08/16/1994		41.5000	
Chloride	MG/L	4915B	11/07/1994		12.9000	
Chloride	MG/L	4915B	12/07/1994		12.5000	
Chloride	MG/L	4915B	02/01/1995		14.3000	
Chloride	MG/L	4915B	04/19/1995		10.7000	
Chloride	MG/L	4915B	05/08/1995		10.3000	
Chloride	MG/L	4915B	08/10/1995		9.2000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Chloride	MG/L	4915B	11/07/1995		17.1000	
Chloride	MG/L	4915B	02/12/1996		9.2000	
Chloride	MG/L	4915B	08/19/1996		12.4000	
Chloride	MG/L	4915B	02/13/1997		12.5000	
Chloride	MG/L	4915B	08/06/1997		11.8000	
Chloride	MG/L	4915B	02/09/1998		14.6000	
Chloride	MG/L	4915B	08/06/1998		7.6000	
Chloride	MG/L	4915B	02/22/1999		7.5000	
Chloride	MG/L	4915B	08/25/1999		11.7000	
Chloride	MG/L	4915B	03/21/2000		14.7000	
Chloride	MG/L	4915B	08/07/2000		12.2000	
Chloride	MG/L	4915B	03/13/2001		14.8000	
Chloride	MG/L	4915B	08/16/2001		16.2000	
Chloride	MG/L	4915B	02/22/2002		12.1000	
Chloride	MG/L	4915B	08/28/2002		26.0000	
Chloride	MG/L	4915B	02/18/2003		70.0000	
Chloride	MG/L	4915B	09/26/2003		16.0000	
Chloride	MG/L	4915B	02/27/2004		13.0000	
Chloride	MG/L	4915B	09/22/2004		16.0000	
Chloride	MG/L	4915B	03/18/2005		11.0000	
Chloride	MG/L	4915C	05/14/1991		17.7250	
Chloride	MG/L	4915C	11/07/1991		23.7000	
Chloride	MG/L	4915C	02/12/1992		22.7500	
Chloride	MG/L	4915C	05/14/1992		20.1000	
Chloride	MG/L	4915C	08/04/1992		19.5500	
Chloride	MG/L	4915C	11/17/1992		16.8750	
Chloride	MG/L	4915C	02/11/1993		18.0000	
Chloride	MG/L	4915C	05/25/1993		15.9500	
Chloride	MG/L	4915C	08/18/1993		16.0000	
Chloride	MG/L	4915C	11/16/1993		17.2750	
Chloride	MG/L	4915C	02/23/1994		16.5500	
Chloride	MG/L	4915C	05/11/1994		15.7250	
Chloride	MG/L	4915C	08/15/1994		15.5000	
Chloride	MG/L	4915C	11/10/1994		16.0000	
Chloride	MG/L	4915C	02/07/1995		16.2000	
Chloride	MG/L	4915C	05/04/1995		16.4000	
Chloride	MG/L	4915C	08/09/1995		15.6000	
Chloride	MG/L	4915C	11/06/1995		18.6000	
Chloride	MG/L	4915C	02/07/1996		18.0000	
Chloride	MG/L	4915C	08/13/1996		16.9000	
Chloride	MG/L	4915C	02/12/1997		19.0000	
Chloride	MG/L	4915C	08/05/1997		18.0000	
Chloride	MG/L	4915C	02/05/1998		21.4000	
Chloride	MG/L	4915C	08/03/1998		12.8000	
Chloride	MG/L	4915C	02/18/1999		16.5000	
Chloride	MG/L	4915C	08/24/1999		18.6000	
Chloride	MG/L	4915C	02/18/2000		17.5000	
Chloride	MG/L	4915C	07/19/2000		16.6000	
Chloride	MG/L	4915C	03/08/2001		14.1000	
Chloride	MG/L	4915C	08/21/2001		19.0000	
Chloride	MG/L	4915C	02/20/2002		26.7000	
Chloride	MG/L	4915C	09/25/2003		24.0000	
Chloride	MG/L	4915C	02/16/2004		30.0000	
Chloride	MG/L	4915C	09/01/2004		50.0000	
Chloride	MG/L	4915C	03/15/2005		23.0000	
Fluoride	MG/L	4915A	02/11/1991		0.4900	
Fluoride	MG/L	4915A	05/10/1991		0.4600	
Fluoride	MG/L	4915A	08/12/1991		0.4300	
Fluoride	MG/L	4915A	11/06/1991		0.4300	
Fluoride	MG/L	4915A	02/11/1992		0.4200	
Fluoride	MG/L	4915A	05/14/1992		0.1400	
Fluoride	MG/L	4915A	08/10/1992		0.1900	
Fluoride	MG/L	4915A	11/18/1992		0.1900	
Fluoride	MG/L	4915A	02/09/1993		0.2100	
Fluoride	MG/L	4915A	05/26/1993	ND	1.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Fluoride	MG/L	4915A	08/18/1993	ND	1.0000
Fluoride	MG/L	4915A	11/16/1993	ND	1.0000
Fluoride	MG/L	4915A	02/24/1994	ND	1.0000
Fluoride	MG/L	4915A	05/11/1994	ND	1.0000
Fluoride	MG/L	4915A	08/11/1994		0.2900
Fluoride	MG/L	4915A	11/11/1994		0.6400
Fluoride	MG/L	4915A	12/07/1994		0.5600
Fluoride	MG/L	4915A	02/03/1995		0.5400
Fluoride	MG/L	4915A	05/04/1995		0.5200
Fluoride	MG/L	4915A	08/08/1995		0.5500
Fluoride	MG/L	4915A	11/03/1995		0.5000
Fluoride	MG/L	4915A	02/06/1996		0.5100
Fluoride	MG/L	4915A	08/13/1996		0.6000
Fluoride	MG/L	4915A	02/12/1997		0.4900
Fluoride	MG/L	4915A	08/05/1997		0.6100
Fluoride	MG/L	4915A	02/04/1998		0.5100
Fluoride	MG/L	4915A	08/04/1998		0.6400
Fluoride	MG/L	4915A	02/18/1999	ND	1.0000
Fluoride	MG/L	4915A	08/24/1999	ND	1.0000
Fluoride	MG/L	4915A	02/18/2000	ND	1.0000
Fluoride	MG/L	4915A	07/26/2000	ND	1.0000
Fluoride	MG/L	4915A	03/08/2001	ND	1.0000
Fluoride	MG/L	4915A	08/21/2001	ND	1.0000
Fluoride	MG/L	4915A	02/21/2002	ND	1.0000
Fluoride	MG/L	4915A	08/06/2002	ND	1.0000
Fluoride	MG/L	4915A	02/10/2003	ND	1.0000
Fluoride	MG/L	4915A	09/25/2003	ND	1.0000
Fluoride	MG/L	4915A	02/16/2004	ND	1.0000
Fluoride	MG/L	4915A	09/01/2004	ND	1.0000
Fluoride	MG/L	4915A	03/15/2005	ND	1.0000
Fluoride	MG/L	4915B	02/11/1991		0.4200
Fluoride	MG/L	4915B	05/10/1991		0.4500
Fluoride	MG/L	4915B	08/12/1991		0.5200
Fluoride	MG/L	4915B	11/06/1991		0.5500
Fluoride	MG/L	4915B	02/11/1992		0.5200
Fluoride	MG/L	4915B	05/13/1992		0.4200
Fluoride	MG/L	4915B	08/10/1992		0.4600
Fluoride	MG/L	4915B	11/17/1992		0.5100
Fluoride	MG/L	4915B	02/09/1993		0.3800
Fluoride	MG/L	4915B	05/25/1993	ND	1.0000
Fluoride	MG/L	4915B	08/13/1993	ND	1.0000
Fluoride	MG/L	4915B	11/18/1993	ND	1.0000
Fluoride	MG/L	4915B	02/23/1994	ND	1.0000
Fluoride	MG/L	4915B	05/10/1994	ND	1.0000
Fluoride	MG/L	4915B	08/16/1994		0.4900
Fluoride	MG/L	4915B	11/07/1994		0.6800
Fluoride	MG/L	4915B	12/07/1994		0.6000
Fluoride	MG/L	4915B	02/01/1995		0.6700
Fluoride	MG/L	4915B	04/19/1995		0.8500
Fluoride	MG/L	4915B	05/08/1995		0.8200
Fluoride	MG/L	4915B	08/10/1995		0.7100
Fluoride	MG/L	4915B	11/07/1995		0.6000
Fluoride	MG/L	4915B	02/12/1996		0.6400
Fluoride	MG/L	4915B	08/19/1996		0.5700
Fluoride	MG/L	4915B	02/13/1997		0.5800
Fluoride	MG/L	4915B	08/06/1997		0.5600
Fluoride	MG/L	4915B	02/09/1998		0.5100
Fluoride	MG/L	4915B	08/06/1998		0.7000
Fluoride	MG/L	4915B	02/22/1999	ND	1.0000
Fluoride	MG/L	4915B	08/25/1999	ND	1.0000
Fluoride	MG/L	4915B	03/21/2000	ND	1.0000
Fluoride	MG/L	4915B	08/07/2000	ND	1.0000
Fluoride	MG/L	4915B	03/13/2001	ND	1.0000
Fluoride	MG/L	4915B	08/16/2001	ND	1.0000
Fluoride	MG/L	4915B	02/22/2002	ND	1.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Fluoride	MG/L	4915B	08/28/2002	ND	1.0000	
Fluoride	MG/L	4915B	02/18/2003	ND	1.0000	
Fluoride	MG/L	4915B	09/26/2003	ND	1.0000	
Fluoride	MG/L	4915B	02/27/2004	ND	1.0000	
Fluoride	MG/L	4915B	09/22/2004	ND	1.0000	
Fluoride	MG/L	4915B	03/18/2005	ND	1.0000	
Fluoride	MG/L	4915C	05/14/1991		0.4100	
Fluoride	MG/L	4915C	11/07/1991		0.4000	
Fluoride	MG/L	4915C	02/12/1992		0.4400	
Fluoride	MG/L	4915C	05/14/1992		0.4900	
Fluoride	MG/L	4915C	08/04/1992		0.4600	
Fluoride	MG/L	4915C	11/17/1992		0.4400	
Fluoride	MG/L	4915C	02/11/1993		0.4930	
Fluoride	MG/L	4915C	05/25/1993	ND	1.0000	
Fluoride	MG/L	4915C	08/18/1993	ND	1.0000	
Fluoride	MG/L	4915C	11/16/1993	ND	1.0000	
Fluoride	MG/L	4915C	02/23/1994	ND	1.0000	
Fluoride	MG/L	4915C	05/11/1994	ND	1.0000	
Fluoride	MG/L	4915C	08/15/1994		0.5500	
Fluoride	MG/L	4915C	11/10/1994		0.6000	
Fluoride	MG/L	4915C	02/07/1995		0.5400	
Fluoride	MG/L	4915C	05/04/1995		0.5900	
Fluoride	MG/L	4915C	08/09/1995		0.6000	
Fluoride	MG/L	4915C	11/06/1995		0.6300	
Fluoride	MG/L	4915C	02/07/1996		0.6600	
Fluoride	MG/L	4915C	08/13/1996		0.6600	
Fluoride	MG/L	4915C	02/12/1997		0.6300	
Fluoride	MG/L	4915C	08/05/1997		0.7000	
Fluoride	MG/L	4915C	02/05/1998		0.6600	
Fluoride	MG/L	4915C	08/03/1998		0.7300	
Fluoride	MG/L	4915C	02/18/1999	ND	1.0000	
Fluoride	MG/L	4915C	08/24/1999	ND	1.0000	
Fluoride	MG/L	4915C	02/18/2000	ND	1.0000	
Fluoride	MG/L	4915C	07/19/2000	ND	1.0000	
Fluoride	MG/L	4915C	03/08/2001	ND	1.0000	
Fluoride	MG/L	4915C	08/21/2001	ND	1.0000	
Fluoride	MG/L	4915C	02/20/2002	ND	1.0000	
Fluoride	MG/L	4915C	09/25/2003	ND	1.0000	
Fluoride	MG/L	4915C	02/16/2004	ND	1.0000	
Fluoride	MG/L	4915C	09/01/2004	ND	1.0000	
Fluoride	MG/L	4915C	03/15/2005	ND	1.0000	
Iron-dissolved	UG/L	4915A	09/10/1992	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/11/1994		4480.0000	
Iron-dissolved	UG/L	4915A	11/11/1994	ND	100.0000	
Iron-dissolved	UG/L	4915A	12/07/1994	ND	100.0000	
Iron-dissolved	UG/L	4915A	02/03/1995		484.0000	
Iron-dissolved	UG/L	4915A	05/04/1995	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/08/1995		9270.0000	*
Iron-dissolved	UG/L	4915A	11/03/1995		11000.0000	*
Iron-dissolved	UG/L	4915A	03/08/2001	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/21/2001	ND	100.0000	
Iron-dissolved	UG/L	4915A	02/21/2002	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/06/2002	ND	100.0000	
Iron-dissolved	UG/L	4915A	02/10/2003	ND	100.0000	
Iron-dissolved	UG/L	4915A	09/25/2003		130.0000	
Iron-dissolved	UG/L	4915A	02/16/2004		120.0000	
Iron-dissolved	UG/L	4915A	09/01/2004		140.0000	
Iron-dissolved	UG/L	4915A	03/15/2005	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/16/1994		5401.5000	*
Iron-dissolved	UG/L	4915B	11/07/1994		935.0000	
Iron-dissolved	UG/L	4915B	12/07/1994	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/01/1995		118.0000	
Iron-dissolved	UG/L	4915B	04/19/1995	ND	100.0000	
Iron-dissolved	UG/L	4915B	05/08/1995	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/10/1995		443.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Iron-dissolved	UG/L	4915B	11/07/1995		171.0000	
Iron-dissolved	UG/L	4915B	03/13/2001	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/16/2001	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/22/2002	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/28/2002	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/18/2003	ND	100.0000	
Iron-dissolved	UG/L	4915B	09/26/2003	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/27/2004	ND	100.0000	
Iron-dissolved	UG/L	4915B	09/22/2004		260.0000	
Iron-dissolved	UG/L	4915B	03/18/2005		1100.0000	*
Iron-dissolved	UG/L	4915C	08/15/1994	ND	100.0000	
Iron-dissolved	UG/L	4915C	11/10/1994	ND	100.0000	
Iron-dissolved	UG/L	4915C	02/07/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	05/04/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	08/09/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	11/06/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	03/08/2001		165.0000	
Iron-dissolved	UG/L	4915C	08/21/2001	ND	100.0000	
Iron-dissolved	UG/L	4915C	02/20/2002	ND	100.0000	
Iron-dissolved	UG/L	4915C	09/25/2003	ND	100.0000	
Iron-dissolved	UG/L	4915C	02/16/2004	ND	100.0000	
Iron-dissolved	UG/L	4915C	09/01/2004	ND	100.0000	
Iron-dissolved	UG/L	4915C	03/15/2005	ND	100.0000	
Magnesium-dissolved	UG/L	4915A	09/10/1992		8220.0000	
Magnesium-dissolved	UG/L	4915A	08/11/1994		20250.0000	
Magnesium-dissolved	UG/L	4915A	11/11/1994		19700.0000	
Magnesium-dissolved	UG/L	4915A	12/07/1994		21300.0000	
Magnesium-dissolved	UG/L	4915A	02/03/1995		21400.0000	
Magnesium-dissolved	UG/L	4915A	05/04/1995		21500.0000	
Magnesium-dissolved	UG/L	4915A	08/08/1995		18000.0000	
Magnesium-dissolved	UG/L	4915A	11/03/1995		14800.0000	
Magnesium-dissolved	UG/L	4915A	08/13/1996		17000.0000	
Magnesium-dissolved	UG/L	4915A	02/12/1997		26400.0000	
Magnesium-dissolved	UG/L	4915A	08/05/1997		17300.0000	
Magnesium-dissolved	UG/L	4915A	02/04/1998		28900.0000	
Magnesium-dissolved	UG/L	4915A	08/04/1998		18700.0000	
Magnesium-dissolved	UG/L	4915A	02/18/1999		17200.0000	
Magnesium-dissolved	UG/L	4915A	08/24/1999		17100.0000	
Magnesium-dissolved	UG/L	4915A	02/18/2000		14400.0000	
Magnesium-dissolved	UG/L	4915A	07/26/2000		16500.0000	
Magnesium-dissolved	UG/L	4915A	03/08/2001		12900.0000	
Magnesium-dissolved	UG/L	4915A	08/21/2001		15300.0000	
Magnesium-dissolved	UG/L	4915A	02/21/2002		13700.0000	
Magnesium-dissolved	UG/L	4915A	08/06/2002		15000.0000	
Magnesium-dissolved	UG/L	4915A	02/10/2003		12000.0000	
Magnesium-dissolved	UG/L	4915A	09/25/2003		15000.0000	
Magnesium-dissolved	UG/L	4915A	02/16/2004		17000.0000	
Magnesium-dissolved	UG/L	4915A	09/01/2004		14000.0000	
Magnesium-dissolved	UG/L	4915A	03/15/2005		14000.0000	
Magnesium-dissolved	UG/L	4915B	08/16/1994		17650.0000	
Magnesium-dissolved	UG/L	4915B	11/07/1994		14300.0000	
Magnesium-dissolved	UG/L	4915B	12/07/1994		14400.0000	
Magnesium-dissolved	UG/L	4915B	02/01/1995		17900.0000	
Magnesium-dissolved	UG/L	4915B	04/19/1995	ND	5000.0000	
Magnesium-dissolved	UG/L	4915B	05/08/1995	ND	5000.0000	
Magnesium-dissolved	UG/L	4915B	08/10/1995		6660.0000	
Magnesium-dissolved	UG/L	4915B	11/07/1995		9160.0000	
Magnesium-dissolved	UG/L	4915B	08/19/1996		13300.0000	
Magnesium-dissolved	UG/L	4915B	02/13/1997		13600.0000	
Magnesium-dissolved	UG/L	4915B	08/06/1997		12400.0000	
Magnesium-dissolved	UG/L	4915B	02/09/1998		13600.0000	
Magnesium-dissolved	UG/L	4915B	08/06/1998		6970.0000	
Magnesium-dissolved	UG/L	4915B	02/22/1999		11400.0000	
Magnesium-dissolved	UG/L	4915B	08/25/1999		14700.0000	
Magnesium-dissolved	UG/L	4915B	03/21/2000		16100.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Magnesium-dissolved	UG/L	4915B	08/07/2000		16000.0000	
Magnesium-dissolved	UG/L	4915B	03/13/2001		14000.0000	
Magnesium-dissolved	UG/L	4915B	08/16/2001		11500.0000	
Magnesium-dissolved	UG/L	4915B	02/22/2002		12000.0000	
Magnesium-dissolved	UG/L	4915B	08/28/2002		20000.0000	
Magnesium-dissolved	UG/L	4915B	02/18/2003		25000.0000	
Magnesium-dissolved	UG/L	4915B	09/26/2003		13000.0000	
Magnesium-dissolved	UG/L	4915B	02/27/2004		12000.0000	
Magnesium-dissolved	UG/L	4915B	09/22/2004		16000.0000	
Magnesium-dissolved	UG/L	4915B	03/18/2005		11000.0000	
Magnesium-dissolved	UG/L	4915C	08/15/1994		21750.0000	
Magnesium-dissolved	UG/L	4915C	11/10/1994		20800.0000	
Magnesium-dissolved	UG/L	4915C	02/07/1995		22400.0000	
Magnesium-dissolved	UG/L	4915C	05/04/1995		21100.0000	
Magnesium-dissolved	UG/L	4915C	08/09/1995		17500.0000	
Magnesium-dissolved	UG/L	4915C	11/06/1995		14700.0000	
Magnesium-dissolved	UG/L	4915C	08/13/1996		17900.0000	
Magnesium-dissolved	UG/L	4915C	02/12/1997		19500.0000	
Magnesium-dissolved	UG/L	4915C	08/05/1997		16300.0000	
Magnesium-dissolved	UG/L	4915C	02/05/1998		13900.0000	
Magnesium-dissolved	UG/L	4915C	08/03/1998		16300.0000	
Magnesium-dissolved	UG/L	4915C	02/18/1999		16700.0000	
Magnesium-dissolved	UG/L	4915C	08/24/1999		16100.0000	
Magnesium-dissolved	UG/L	4915C	02/18/2000		13700.0000	
Magnesium-dissolved	UG/L	4915C	07/19/2000		14600.0000	
Magnesium-dissolved	UG/L	4915C	03/08/2001		11800.0000	
Magnesium-dissolved	UG/L	4915C	08/21/2001		14000.0000	
Magnesium-dissolved	UG/L	4915C	02/20/2002		12700.0000	
Magnesium-dissolved	UG/L	4915C	09/25/2003		14000.0000	
Magnesium-dissolved	UG/L	4915C	02/16/2004		17000.0000	
Magnesium-dissolved	UG/L	4915C	09/01/2004		13000.0000	
Magnesium-dissolved	UG/L	4915C	03/15/2005		16000.0000	
Nitrogen, nitrate	MG/L	4915A	09/10/1992	ND	0.0500	
Nitrogen, nitrate	MG/L	4915A	02/09/1993	ND	0.0500	
Nitrogen, nitrate	MG/L	4915A	11/16/1993		0.6800	
Nitrogen, nitrate	MG/L	4915A	12/07/1994		0.4500	
Nitrogen, nitrate	MG/L	4915A	02/03/1995		1.2900	
Nitrogen, nitrate	MG/L	4915A	05/04/1995		0.9600	
Nitrogen, nitrate	MG/L	4915A	08/08/1995		1.6000	
Nitrogen, nitrate	MG/L	4915A	11/03/1995		0.7200	
Nitrogen, nitrate	MG/L	4915A	02/06/1996	ND	0.0500	
Nitrogen, nitrate	MG/L	4915A	08/13/1996		0.2600	
Nitrogen, nitrate	MG/L	4915A	02/12/1997		5.6100	
Nitrogen, nitrate	MG/L	4915A	08/05/1997		0.5500	
Nitrogen, nitrate	MG/L	4915A	02/04/1998		11.5000	*
Nitrogen, nitrate	MG/L	4915A	08/04/1998		1.6900	
Nitrogen, nitrate	MG/L	4915A	08/06/2002	ND	0.5000	
Nitrogen, nitrate	MG/L	4915A	02/10/2003	ND	0.5000	
Nitrogen, nitrate	MG/L	4915A	09/25/2003		1.0000	
Nitrogen, nitrate	MG/L	4915A	02/16/2004		0.5300	
Nitrogen, nitrate	MG/L	4915A	09/01/2004		0.8000	
Nitrogen, nitrate	MG/L	4915A	03/15/2005		0.9600	
Nitrogen, nitrate	MG/L	4915B	02/09/1993		2.4700	
Nitrogen, nitrate	MG/L	4915B	11/18/1993		0.0660	
Nitrogen, nitrate	MG/L	4915B	12/07/1994		0.8900	
Nitrogen, nitrate	MG/L	4915B	02/01/1995		1.4400	
Nitrogen, nitrate	MG/L	4915B	04/19/1995		1.3000	
Nitrogen, nitrate	MG/L	4915B	05/08/1995		0.4300	
Nitrogen, nitrate	MG/L	4915B	08/10/1995		1.2600	
Nitrogen, nitrate	MG/L	4915B	11/07/1995		1.1600	
Nitrogen, nitrate	MG/L	4915B	02/12/1996		0.4900	
Nitrogen, nitrate	MG/L	4915B	08/19/1996		1.1100	
Nitrogen, nitrate	MG/L	4915B	02/13/1997		1.0400	
Nitrogen, nitrate	MG/L	4915B	08/06/1997		0.8500	
Nitrogen, nitrate	MG/L	4915B	02/09/1998		0.2600	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Nitrogen, nitrate	MG/L	4915B	08/06/1998		0.9000	
Nitrogen, nitrate	MG/L	4915B	08/28/2002		0.8700	
Nitrogen, nitrate	MG/L	4915B	02/18/2003		2.5000	
Nitrogen, nitrate	MG/L	4915B	09/26/2003		1.1000	
Nitrogen, nitrate	MG/L	4915B	02/27/2004		0.5000	
Nitrogen, nitrate	MG/L	4915B	09/22/2004		1.0000	
Nitrogen, nitrate	MG/L	4915B	03/18/2005		1.4000	
Nitrogen, nitrate	MG/L	4915C	02/11/1993		0.8200	
Nitrogen, nitrate	MG/L	4915C	11/16/1993		0.9700	
Nitrogen, nitrate	MG/L	4915C	02/07/1995		0.1500	
Nitrogen, nitrate	MG/L	4915C	05/04/1995		1.1300	
Nitrogen, nitrate	MG/L	4915C	08/09/1995		1.6800	
Nitrogen, nitrate	MG/L	4915C	11/06/1995		0.4200	
Nitrogen, nitrate	MG/L	4915C	02/07/1996		0.3400	
Nitrogen, nitrate	MG/L	4915C	08/13/1996		0.2400	
Nitrogen, nitrate	MG/L	4915C	02/12/1997		0.1300	
Nitrogen, nitrate	MG/L	4915C	08/05/1997		0.3400	
Nitrogen, nitrate	MG/L	4915C	02/05/1998		0.1600	
Nitrogen, nitrate	MG/L	4915C	08/03/1998		1.5700	
Nitrogen, nitrate	MG/L	4915C	09/25/2003	ND	0.5000	
Nitrogen, nitrate	MG/L	4915C	02/16/2004		0.8300	
Nitrogen, nitrate	MG/L	4915C	09/01/2004		0.5300	
Nitrogen, nitrate	MG/L	4915C	03/15/2005		1.0000	
Sodium-dissolved	MG/L	4915A	09/10/1992		26.9000	
Sodium-dissolved	MG/L	4915A	12/07/1994		32.0000	
Sodium-dissolved	MG/L	4915A	02/03/1995		30.7000	
Sodium-dissolved	MG/L	4915A	05/04/1995		33.9000	
Sodium-dissolved	MG/L	4915A	08/08/1995		30.7000	
Sodium-dissolved	MG/L	4915A	11/03/1995		29.2000	
Sodium-dissolved	MG/L	4915A	02/06/1996		29.9000	
Sodium-dissolved	MG/L	4915A	08/13/1996		30.2000	
Sodium-dissolved	MG/L	4915A	02/12/1997		30.2000	
Sodium-dissolved	MG/L	4915A	08/05/1997		28.6000	
Sodium-dissolved	MG/L	4915A	02/04/1998		37.5000	
Sodium-dissolved	MG/L	4915A	08/04/1998		26.9000	
Sodium-dissolved	MG/L	4915A	02/18/1999		30.8000	
Sodium-dissolved	MG/L	4915A	08/24/1999		27.0000	
Sodium-dissolved	MG/L	4915A	02/18/2000		24.0000	
Sodium-dissolved	MG/L	4915A	07/26/2000		26.8000	
Sodium-dissolved	MG/L	4915A	03/08/2001		24.9000	
Sodium-dissolved	MG/L	4915A	08/21/2001		28.1000	
Sodium-dissolved	MG/L	4915A	02/21/2002		27.5000	
Sodium-dissolved	MG/L	4915A	08/06/2002		32.0000	
Sodium-dissolved	MG/L	4915A	02/10/2003		27.0000	
Sodium-dissolved	MG/L	4915A	09/25/2003		28.0000	
Sodium-dissolved	MG/L	4915A	02/16/2004		30.0000	
Sodium-dissolved	MG/L	4915A	09/01/2004		29.0000	
Sodium-dissolved	MG/L	4915A	03/15/2005		29.0000	
Sodium-dissolved	MG/L	4915B	12/07/1994		29.4000	
Sodium-dissolved	MG/L	4915B	02/01/1995		34.7000	
Sodium-dissolved	MG/L	4915B	04/19/1995		61.5000	
Sodium-dissolved	MG/L	4915B	05/08/1995		61.9000	
Sodium-dissolved	MG/L	4915B	08/10/1995		43.7000	
Sodium-dissolved	MG/L	4915B	11/07/1995		44.6000	
Sodium-dissolved	MG/L	4915B	02/12/1996		28.7000	
Sodium-dissolved	MG/L	4915B	08/19/1996		24.5000	
Sodium-dissolved	MG/L	4915B	02/13/1997		26.8000	
Sodium-dissolved	MG/L	4915B	08/06/1997		22.6000	
Sodium-dissolved	MG/L	4915B	02/09/1998		23.4000	
Sodium-dissolved	MG/L	4915B	08/06/1998		33.1000	
Sodium-dissolved	MG/L	4915B	02/22/1999		27.7000	
Sodium-dissolved	MG/L	4915B	08/25/1999		23.8000	
Sodium-dissolved	MG/L	4915B	03/21/2000		26.8000	
Sodium-dissolved	MG/L	4915B	08/07/2000		27.9000	
Sodium-dissolved	MG/L	4915B	03/13/2001		24.7000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Sodium-dissolved	MG/L	4915B	08/16/2001		28.4000
Sodium-dissolved	MG/L	4915B	02/22/2002		23.4000
Sodium-dissolved	MG/L	4915B	08/28/2002		31.0000
Sodium-dissolved	MG/L	4915B	02/18/2003		34.0000
Sodium-dissolved	MG/L	4915B	09/26/2003		24.0000
Sodium-dissolved	MG/L	4915B	02/27/2004		24.0000
Sodium-dissolved	MG/L	4915B	09/22/2004		29.0000
Sodium-dissolved	MG/L	4915B	03/18/2005		33.0000
Sodium-dissolved	MG/L	4915C	02/07/1995		32.7000
Sodium-dissolved	MG/L	4915C	05/04/1995		33.2000
Sodium-dissolved	MG/L	4915C	08/09/1995		29.7000
Sodium-dissolved	MG/L	4915C	11/06/1995		28.3000
Sodium-dissolved	MG/L	4915C	02/07/1996		24.3000
Sodium-dissolved	MG/L	4915C	08/13/1996		31.9000
Sodium-dissolved	MG/L	4915C	02/12/1997		27.2000
Sodium-dissolved	MG/L	4915C	08/05/1997		28.0000
Sodium-dissolved	MG/L	4915C	02/05/1998		29.0000
Sodium-dissolved	MG/L	4915C	08/03/1998		24.3000
Sodium-dissolved	MG/L	4915C	02/18/1999		30.6000
Sodium-dissolved	MG/L	4915C	08/24/1999		25.6000
Sodium-dissolved	MG/L	4915C	02/18/2000		25.7000
Sodium-dissolved	MG/L	4915C	07/19/2000		27.6000
Sodium-dissolved	MG/L	4915C	03/08/2001		25.2000
Sodium-dissolved	MG/L	4915C	08/21/2001		28.9000
Sodium-dissolved	MG/L	4915C	02/20/2002		28.2000
Sodium-dissolved	MG/L	4915C	09/25/2003		28.0000
Sodium-dissolved	MG/L	4915C	02/16/2004		32.0000
Sodium-dissolved	MG/L	4915C	09/01/2004		30.0000
Sodium-dissolved	MG/L	4915C	03/15/2005		34.0000
Specific conductance	UMHOS/CM	4915A	02/11/1991		408.0000
Specific conductance	UMHOS/CM	4915A	02/11/1992		563.0000
Specific conductance	UMHOS/CM	4915A	05/14/1992		187.0000
Specific conductance	UMHOS/CM	4915A	08/10/1992		306.0000
Specific conductance	UMHOS/CM	4915A	09/10/1992		253.0000
Specific conductance	UMHOS/CM	4915A	02/09/1993		263.0000
Specific conductance	UMHOS/CM	4915A	05/26/1993		540.0000
Specific conductance	UMHOS/CM	4915A	08/18/1993		369.0000
Specific conductance	UMHOS/CM	4915A	02/24/1994		565.0000
Specific conductance	UMHOS/CM	4915A	05/11/1994		635.0000
Specific conductance	UMHOS/CM	4915A	08/11/1994		634.0000
Specific conductance	UMHOS/CM	4915A	11/11/1994		647.0000
Specific conductance	UMHOS/CM	4915A	02/03/1995		636.0000
Specific conductance	UMHOS/CM	4915A	05/04/1995		655.0000
Specific conductance	UMHOS/CM	4915A	08/08/1995		572.0000
Specific conductance	UMHOS/CM	4915A	11/03/1995		530.0000
Specific conductance	UMHOS/CM	4915A	03/08/2001		400.0000
Specific conductance	UMHOS/CM	4915A	08/06/2002		460.0000
Specific conductance	UMHOS/CM	4915A	02/10/2003		380.0000
Specific conductance	UMHOS/CM	4915A	09/25/2003		500.0000
Specific conductance	UMHOS/CM	4915A	02/16/2004		500.0000
Specific conductance	UMHOS/CM	4915A	09/01/2004		580.0000
Specific conductance	UMHOS/CM	4915A	03/15/2005		500.0000
Specific conductance	UMHOS/CM	4915B	02/11/1991		846.0000
Specific conductance	UMHOS/CM	4915B	02/11/1992		579.0000
Specific conductance	UMHOS/CM	4915B	05/13/1992		786.0000
Specific conductance	UMHOS/CM	4915B	08/10/1992		579.0000
Specific conductance	UMHOS/CM	4915B	02/09/1993		820.0000
Specific conductance	UMHOS/CM	4915B	05/25/1993		462.0000
Specific conductance	UMHOS/CM	4915B	08/13/1993		404.0000
Specific conductance	UMHOS/CM	4915B	02/23/1994		582.0000
Specific conductance	UMHOS/CM	4915B	05/10/1994		756.0000
Specific conductance	UMHOS/CM	4915B	08/16/1994		663.0000
Specific conductance	UMHOS/CM	4915B	11/07/1994		470.0000
Specific conductance	UMHOS/CM	4915B	02/01/1995		590.0000
Specific conductance	UMHOS/CM	4915B	05/08/1995		399.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Specific conductance	UMHOS/CM	4915B	08/10/1995		400.0000	
Specific conductance	UMHOS/CM	4915B	11/07/1995		454.0000	
Specific conductance	UMHOS/CM	4915B	03/13/2001		468.0000	
Specific conductance	UMHOS/CM	4915B	08/28/2002		580.0000	
Specific conductance	UMHOS/CM	4915B	02/18/2003		690.0000	
Specific conductance	UMHOS/CM	4915B	09/26/2003		420.0000	
Specific conductance	UMHOS/CM	4915B	02/27/2004		440.0000	
Specific conductance	UMHOS/CM	4915B	09/22/2004		470.0000	
Specific conductance	UMHOS/CM	4915B	03/18/2005		420.0000	
Specific conductance	UMHOS/CM	4915C	02/12/1992		511.0000	
Specific conductance	UMHOS/CM	4915C	05/14/1992		514.0000	
Specific conductance	UMHOS/CM	4915C	08/04/1992		536.0000	
Specific conductance	UMHOS/CM	4915C	02/11/1993		529.0000	
Specific conductance	UMHOS/CM	4915C	05/25/1993		567.0000	
Specific conductance	UMHOS/CM	4915C	08/18/1993		523.0000	
Specific conductance	UMHOS/CM	4915C	02/23/1994		605.0000	
Specific conductance	UMHOS/CM	4915C	05/11/1994		636.0000	
Specific conductance	UMHOS/CM	4915C	08/15/1994		680.0000	
Specific conductance	UMHOS/CM	4915C	11/10/1994		660.0000	
Specific conductance	UMHOS/CM	4915C	02/07/1995		635.0000	
Specific conductance	UMHOS/CM	4915C	05/04/1995		665.0000	
Specific conductance	UMHOS/CM	4915C	08/09/1995		532.0000	
Specific conductance	UMHOS/CM	4915C	11/06/1995		515.0000	
Specific conductance	UMHOS/CM	4915C	03/08/2001		410.0000	
Specific conductance	UMHOS/CM	4915C	09/25/2003		420.0000	
Specific conductance	UMHOS/CM	4915C	02/16/2004		560.0000	
Specific conductance	UMHOS/CM	4915C	09/01/2004		570.0000	
Specific conductance	UMHOS/CM	4915C	03/15/2005		560.0000	
Sulfate	MG/L	4915A	02/11/1991		41.3000	
Sulfate	MG/L	4915A	05/10/1991		53.4250	
Sulfate	MG/L	4915A	08/12/1991		74.6500	
Sulfate	MG/L	4915A	11/06/1991		63.9500	
Sulfate	MG/L	4915A	02/11/1992		65.6500	
Sulfate	MG/L	4915A	05/14/1992		29.2250	
Sulfate	MG/L	4915A	08/10/1992		34.2750	
Sulfate	MG/L	4915A	09/10/1992		43.6000	
Sulfate	MG/L	4915A	11/18/1992		40.8000	
Sulfate	MG/L	4915A	02/09/1993		36.0000	
Sulfate	MG/L	4915A	05/26/1993		58.0750	
Sulfate	MG/L	4915A	08/18/1993		48.1750	
Sulfate	MG/L	4915A	11/16/1993		49.6500	
Sulfate	MG/L	4915A	02/24/1994		64.2000	
Sulfate	MG/L	4915A	05/11/1994		60.7500	
Sulfate	MG/L	4915A	08/11/1994		61.2000	
Sulfate	MG/L	4915A	11/11/1994		59.1000	
Sulfate	MG/L	4915A	12/07/1994		66.3000	
Sulfate	MG/L	4915A	02/03/1995		65.0000	
Sulfate	MG/L	4915A	05/04/1995		60.1000	
Sulfate	MG/L	4915A	08/08/1995		54.4000	
Sulfate	MG/L	4915A	11/03/1995		51.7000	
Sulfate	MG/L	4915A	02/06/1996		56.7000	
Sulfate	MG/L	4915A	08/13/1996		76.3000	
Sulfate	MG/L	4915A	02/12/1997		69.6000	
Sulfate	MG/L	4915A	08/05/1997		61.5000	
Sulfate	MG/L	4915A	02/04/1998		184.0000	
Sulfate	MG/L	4915A	08/04/1998		53.4000	
Sulfate	MG/L	4915A	02/18/1999		59.4000	
Sulfate	MG/L	4915A	08/24/1999		61.4000	
Sulfate	MG/L	4915A	02/18/2000		60.6000	
Sulfate	MG/L	4915A	07/26/2000		60.5000	
Sulfate	MG/L	4915A	03/08/2001		51.6000	
Sulfate	MG/L	4915A	08/21/2001		51.7000	
Sulfate	MG/L	4915A	02/21/2002		49.0000	
Sulfate	MG/L	4915A	08/06/2002		51.0000	
Sulfate	MG/L	4915A	02/10/2003		49.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Sulfate	MG/L	4915A	09/25/2003		54.0000	
Sulfate	MG/L	4915A	02/16/2004		48.0000	
Sulfate	MG/L	4915A	09/01/2004		48.0000	
Sulfate	MG/L	4915A	03/15/2005		47.0000	
Sulfate	MG/L	4915B	02/11/1991		135.5000	
Sulfate	MG/L	4915B	05/10/1991		202.7500	
Sulfate	MG/L	4915B	08/12/1991		75.3500	
Sulfate	MG/L	4915B	11/06/1991		50.7750	
Sulfate	MG/L	4915B	02/11/1992		76.6250	
Sulfate	MG/L	4915B	05/13/1992		157.7500	
Sulfate	MG/L	4915B	08/10/1992		101.0500	
Sulfate	MG/L	4915B	11/17/1992		38.4250	
Sulfate	MG/L	4915B	02/09/1993		151.7500	
Sulfate	MG/L	4915B	05/25/1993		63.1250	
Sulfate	MG/L	4915B	08/13/1993		48.1250	
Sulfate	MG/L	4915B	11/18/1993		54.7250	
Sulfate	MG/L	4915B	02/23/1994		89.2500	
Sulfate	MG/L	4915B	05/10/1994		113.7500	
Sulfate	MG/L	4915B	08/16/1994		123.0000	
Sulfate	MG/L	4915B	11/07/1994		51.9000	
Sulfate	MG/L	4915B	12/07/1994		49.4000	
Sulfate	MG/L	4915B	02/01/1995		62.8000	
Sulfate	MG/L	4915B	04/19/1995		49.2000	
Sulfate	MG/L	4915B	05/08/1995		45.6000	
Sulfate	MG/L	4915B	08/10/1995		45.3000	
Sulfate	MG/L	4915B	11/07/1995		57.4000	
Sulfate	MG/L	4915B	02/12/1996		36.3000	
Sulfate	MG/L	4915B	08/19/1996		46.8000	
Sulfate	MG/L	4915B	02/13/1997		44.2000	
Sulfate	MG/L	4915B	08/06/1997		43.7000	
Sulfate	MG/L	4915B	02/09/1998		42.9000	
Sulfate	MG/L	4915B	08/06/1998		31.5000	
Sulfate	MG/L	4915B	02/22/1999		31.0000	
Sulfate	MG/L	4915B	08/25/1999		45.2000	
Sulfate	MG/L	4915B	03/21/2000	ND	250.0000	
Sulfate	MG/L	4915B	08/07/2000		49.2000	
Sulfate	MG/L	4915B	03/13/2001		48.2000	
Sulfate	MG/L	4915B	08/16/2001		44.0000	
Sulfate	MG/L	4915B	02/22/2002		38.3000	
Sulfate	MG/L	4915B	08/28/2002		54.0000	
Sulfate	MG/L	4915B	02/18/2003		90.0000	
Sulfate	MG/L	4915B	09/26/2003		50.0000	
Sulfate	MG/L	4915B	02/27/2004		41.0000	
Sulfate	MG/L	4915B	09/22/2004		42.0000	
Sulfate	MG/L	4915B	03/18/2005		36.0000	
Sulfate	MG/L	4915C	05/14/1991		48.9250	
Sulfate	MG/L	4915C	11/07/1991		63.7000	
Sulfate	MG/L	4915C	02/12/1992		66.5500	
Sulfate	MG/L	4915C	05/14/1992		55.8750	
Sulfate	MG/L	4915C	08/04/1992		54.1000	
Sulfate	MG/L	4915C	11/17/1992		56.1500	
Sulfate	MG/L	4915C	02/11/1993		58.2750	
Sulfate	MG/L	4915C	05/25/1993		54.6000	
Sulfate	MG/L	4915C	08/18/1993		55.4500	
Sulfate	MG/L	4915C	11/16/1993		58.6750	
Sulfate	MG/L	4915C	02/23/1994		59.6750	
Sulfate	MG/L	4915C	05/11/1994		62.3500	
Sulfate	MG/L	4915C	08/15/1994		65.4000	
Sulfate	MG/L	4915C	11/10/1994		68.9000	
Sulfate	MG/L	4915C	02/07/1995		72.3000	
Sulfate	MG/L	4915C	05/04/1995		62.7000	
Sulfate	MG/L	4915C	08/09/1995		54.6000	
Sulfate	MG/L	4915C	11/06/1995		61.3000	
Sulfate	MG/L	4915C	02/07/1996		58.3000	
Sulfate	MG/L	4915C	08/13/1996		78.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Sulfate	MG/L	4915C	02/12/1997		55.8000	
Sulfate	MG/L	4915C	08/05/1997		57.3000	
Sulfate	MG/L	4915C	02/05/1998		60.8000	
Sulfate	MG/L	4915C	08/03/1998		50.4000	
Sulfate	MG/L	4915C	02/18/1999		59.3000	
Sulfate	MG/L	4915C	08/24/1999		66.1000	
Sulfate	MG/L	4915C	02/18/2000		56.7000	
Sulfate	MG/L	4915C	07/19/2000		54.7000	
Sulfate	MG/L	4915C	03/08/2001		51.1000	
Sulfate	MG/L	4915C	08/21/2001		48.2000	
Sulfate	MG/L	4915C	02/20/2002		52.1000	
Sulfate	MG/L	4915C	09/25/2003		53.0000	
Sulfate	MG/L	4915C	02/16/2004		50.0000	
Sulfate	MG/L	4915C	09/01/2004		54.0000	
Sulfate	MG/L	4915C	03/15/2005		45.0000	
Total dissolved solids	MG/L	4915A	02/11/1991		226.0000	
Total dissolved solids	MG/L	4915A	05/10/1991		234.2500	
Total dissolved solids	MG/L	4915A	08/12/1991		221.5000	
Total dissolved solids	MG/L	4915A	11/06/1991		217.0000	
Total dissolved solids	MG/L	4915A	02/11/1992		323.0000	
Total dissolved solids	MG/L	4915A	05/14/1992		107.0000	
Total dissolved solids	MG/L	4915A	08/10/1992		125.0000	
Total dissolved solids	MG/L	4915A	09/10/1992		163.0000	
Total dissolved solids	MG/L	4915A	11/18/1992		146.0000	
Total dissolved solids	MG/L	4915A	02/09/1993		141.0000	
Total dissolved solids	MG/L	4915A	05/26/1993		351.0000	
Total dissolved solids	MG/L	4915A	08/18/1993		215.0000	
Total dissolved solids	MG/L	4915A	11/16/1993		310.0000	
Total dissolved solids	MG/L	4915A	02/24/1994		375.0000	
Total dissolved solids	MG/L	4915A	05/11/1994		345.0000	
Total dissolved solids	MG/L	4915A	08/11/1994		358.0000	
Total dissolved solids	MG/L	4915A	11/11/1994		368.0000	
Total dissolved solids	MG/L	4915A	02/03/1995		375.0000	
Total dissolved solids	MG/L	4915A	05/04/1995		373.0000	
Total dissolved solids	MG/L	4915A	08/08/1995		350.0000	
Total dissolved solids	MG/L	4915A	11/03/1995		290.0000	
Total dissolved solids	MG/L	4915A	02/06/1996		255.0000	
Total dissolved solids	MG/L	4915A	08/13/1996		310.0000	
Total dissolved solids	MG/L	4915A	02/12/1997		413.0000	
Total dissolved solids	MG/L	4915A	08/05/1997		318.0000	
Total dissolved solids	MG/L	4915A	02/04/1998		605.0000	
Total dissolved solids	MG/L	4915A	08/04/1998		336.0000	
Total dissolved solids	MG/L	4915A	02/18/1999		334.0000	
Total dissolved solids	MG/L	4915A	08/24/1999		339.0000	
Total dissolved solids	MG/L	4915A	02/18/2000		306.0000	
Total dissolved solids	MG/L	4915A	07/26/2000		361.0000	
Total dissolved solids	MG/L	4915A	03/08/2001		292.0000	
Total dissolved solids	MG/L	4915A	08/21/2001		316.0000	
Total dissolved solids	MG/L	4915A	02/21/2002		301.0000	
Total dissolved solids	MG/L	4915A	08/06/2002		300.0000	
Total dissolved solids	MG/L	4915A	02/10/2003		250.0000	
Total dissolved solids	MG/L	4915A	09/25/2003		320.0000	
Total dissolved solids	MG/L	4915A	02/16/2004		340.0000	
Total dissolved solids	MG/L	4915A	09/01/2004		320.0000	
Total dissolved solids	MG/L	4915A	03/15/2005		300.0000	
Total dissolved solids	MG/L	4915B	02/11/1991		526.2500	
Total dissolved solids	MG/L	4915B	05/10/1991		620.0000	
Total dissolved solids	MG/L	4915B	08/12/1991		317.0000	
Total dissolved solids	MG/L	4915B	11/06/1991		254.0000	
Total dissolved solids	MG/L	4915B	02/11/1992		332.0000	
Total dissolved solids	MG/L	4915B	05/13/1992		481.0000	
Total dissolved solids	MG/L	4915B	08/10/1992		379.0000	
Total dissolved solids	MG/L	4915B	11/17/1992		261.0000	
Total dissolved solids	MG/L	4915B	02/09/1993		537.0000	
Total dissolved solids	MG/L	4915B	05/25/1993		277.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Total dissolved solids	MG/L	4915B	08/13/1993		249.0000	
Total dissolved solids	MG/L	4915B	11/18/1993		225.0000	
Total dissolved solids	MG/L	4915B	02/23/1994		338.0000	
Total dissolved solids	MG/L	4915B	05/10/1994		536.0000	
Total dissolved solids	MG/L	4915B	08/16/1994		408.0000	
Total dissolved solids	MG/L	4915B	11/07/1994		266.0000	
Total dissolved solids	MG/L	4915B	02/01/1995		325.0000	
Total dissolved solids	MG/L	4915B	04/19/1995		283.0000	
Total dissolved solids	MG/L	4915B	05/08/1995		245.0000	
Total dissolved solids	MG/L	4915B	08/10/1995		266.0000	
Total dissolved solids	MG/L	4915B	11/07/1995		268.0000	
Total dissolved solids	MG/L	4915B	02/12/1996		237.0000	
Total dissolved solids	MG/L	4915B	08/19/1996		274.0000	
Total dissolved solids	MG/L	4915B	02/13/1997		277.0000	
Total dissolved solids	MG/L	4915B	08/06/1997		262.0000	
Total dissolved solids	MG/L	4915B	02/09/1998		276.0000	
Total dissolved solids	MG/L	4915B	08/06/1998		241.0000	
Total dissolved solids	MG/L	4915B	02/22/1999		272.0000	
Total dissolved solids	MG/L	4915B	08/25/1999		303.0000	
Total dissolved solids	MG/L	4915B	03/21/2000		333.0000	
Total dissolved solids	MG/L	4915B	08/07/2000		322.0000	
Total dissolved solids	MG/L	4915B	03/13/2001		300.0000	
Total dissolved solids	MG/L	4915B	08/16/2001		468.0000	
Total dissolved solids	MG/L	4915B	02/22/2002		275.0000	
Total dissolved solids	MG/L	4915B	08/28/2002		370.0000	
Total dissolved solids	MG/L	4915B	02/18/2003		480.0000	
Total dissolved solids	MG/L	4915B	09/26/2003		290.0000	
Total dissolved solids	MG/L	4915B	02/27/2004		280.0000	
Total dissolved solids	MG/L	4915B	09/22/2004		280.0000	
Total dissolved solids	MG/L	4915B	03/18/2005		270.0000	
Total dissolved solids	MG/L	4915C	05/14/1991		370.2500	
Total dissolved solids	MG/L	4915C	11/07/1991		339.0000	
Total dissolved solids	MG/L	4915C	02/12/1992		335.0000	
Total dissolved solids	MG/L	4915C	05/14/1992		335.7500	
Total dissolved solids	MG/L	4915C	08/04/1992		358.0000	
Total dissolved solids	MG/L	4915C	11/17/1992		313.0000	
Total dissolved solids	MG/L	4915C	02/11/1993		335.0000	
Total dissolved solids	MG/L	4915C	05/25/1993		365.0000	
Total dissolved solids	MG/L	4915C	08/18/1993		314.0000	
Total dissolved solids	MG/L	4915C	11/16/1993		353.0000	
Total dissolved solids	MG/L	4915C	02/23/1994		206.0000	
Total dissolved solids	MG/L	4915C	05/11/1994		316.0000	
Total dissolved solids	MG/L	4915C	08/15/1994		391.0000	
Total dissolved solids	MG/L	4915C	11/10/1994		400.0000	
Total dissolved solids	MG/L	4915C	02/07/1995		363.0000	
Total dissolved solids	MG/L	4915C	05/04/1995		377.0000	
Total dissolved solids	MG/L	4915C	08/09/1995		336.0000	
Total dissolved solids	MG/L	4915C	11/06/1995		312.0000	
Total dissolved solids	MG/L	4915C	02/07/1996		334.0000	
Total dissolved solids	MG/L	4915C	08/13/1996		359.0000	
Total dissolved solids	MG/L	4915C	02/12/1997		337.0000	
Total dissolved solids	MG/L	4915C	08/05/1997		328.0000	
Total dissolved solids	MG/L	4915C	02/05/1998		424.0000	
Total dissolved solids	MG/L	4915C	08/03/1998		316.0000	
Total dissolved solids	MG/L	4915C	02/18/1999		326.0000	
Total dissolved solids	MG/L	4915C	08/24/1999		312.0000	
Total dissolved solids	MG/L	4915C	02/18/2000		304.0000	
Total dissolved solids	MG/L	4915C	07/19/2000		315.0000	
Total dissolved solids	MG/L	4915C	03/08/2001		282.0000	
Total dissolved solids	MG/L	4915C	08/21/2001		301.0000	
Total dissolved solids	MG/L	4915C	02/20/2002		300.0000	
Total dissolved solids	MG/L	4915C	09/25/2003		310.0000	
Total dissolved solids	MG/L	4915C	02/16/2004		320.0000	
Total dissolved solids	MG/L	4915C	09/01/2004		320.0000	
Total dissolved solids	MG/L	4915C	03/15/2005		320.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Total organic carbon	MG/L	4915A	02/11/1991		9.4500
Total organic carbon	MG/L	4915A	05/10/1991		9.2500
Total organic carbon	MG/L	4915A	08/12/1991		30.7000
Total organic carbon	MG/L	4915A	11/06/1991		46.1500
Total organic carbon	MG/L	4915A	02/11/1992		23.9500
Total organic carbon	MG/L	4915A	05/14/1992		23.8000
Total organic carbon	MG/L	4915A	08/10/1992		2.5000
Total organic carbon	MG/L	4915A	09/10/1992		1.6500
Total organic carbon	MG/L	4915A	11/18/1992		1.1500
Total organic carbon	MG/L	4915A	02/09/1993	ND	1.0000
Total organic carbon	MG/L	4915A	05/26/1993	ND	1.0000
Total organic carbon	MG/L	4915A	08/18/1993	ND	1.0000
Total organic carbon	MG/L	4915A	11/16/1993	ND	1.0000
Total organic carbon	MG/L	4915A	02/24/1994	ND	1.0000
Total organic carbon	MG/L	4915A	05/11/1994	ND	1.0000
Total organic carbon	MG/L	4915A	08/11/1994	ND	1.0000
Total organic carbon	MG/L	4915A	11/11/1994	ND	1.0000
Total organic carbon	MG/L	4915A	12/07/1994		1.0000
Total organic carbon	MG/L	4915A	02/03/1995		1.1000
Total organic carbon	MG/L	4915A	05/04/1995	ND	1.0000
Total organic carbon	MG/L	4915A	08/08/1995	ND	1.0000
Total organic carbon	MG/L	4915A	11/03/1995		3.9500
Total organic carbon	MG/L	4915A	02/06/1996	ND	1.0000
Total organic carbon	MG/L	4915A	08/13/1996	ND	1.0000
Total organic carbon	MG/L	4915A	02/12/1997	ND	1.0000
Total organic carbon	MG/L	4915A	08/05/1997	ND	1.0000
Total organic carbon	MG/L	4915A	02/04/1998		5.4500
Total organic carbon	MG/L	4915A	08/04/1998	ND	1.0000
Total organic carbon	MG/L	4915A	02/18/1999	ND	1.0000
Total organic carbon	MG/L	4915A	08/24/1999		0.9900
Total organic carbon	MG/L	4915A	02/18/2000	ND	1.0000
Total organic carbon	MG/L	4915A	07/26/2000	ND	1.0000
Total organic carbon	MG/L	4915A	08/21/2001	ND	1.0000
Total organic carbon	MG/L	4915A	02/21/2002	ND	1.0000
Total organic carbon	MG/L	4915A	08/06/2002	ND	1.0000
Total organic carbon	MG/L	4915A	02/10/2003	ND	1.0000
Total organic carbon	MG/L	4915A	09/25/2003	ND	1.0000
Total organic carbon	MG/L	4915A	02/16/2004	ND	1.0000
Total organic carbon	MG/L	4915A	09/01/2004	ND	1.0000
Total organic carbon	MG/L	4915A	03/15/2005		1.3500
Total organic carbon	MG/L	4915B	02/11/1991		11.7500
Total organic carbon	MG/L	4915B	05/10/1991		9.3500
Total organic carbon	MG/L	4915B	08/12/1991		6.4000
Total organic carbon	MG/L	4915B	11/06/1991		45.4500
Total organic carbon	MG/L	4915B	02/11/1992		14.8500
Total organic carbon	MG/L	4915B	05/13/1992		21.7000
Total organic carbon	MG/L	4915B	08/10/1992		1.8000
Total organic carbon	MG/L	4915B	11/17/1992	ND	1.0000
Total organic carbon	MG/L	4915B	02/09/1993	ND	1.0000
Total organic carbon	MG/L	4915B	05/25/1993		1.8500
Total organic carbon	MG/L	4915B	08/13/1993		1.0000
Total organic carbon	MG/L	4915B	11/18/1993	ND	1.0000
Total organic carbon	MG/L	4915B	02/23/1994	ND	1.0000
Total organic carbon	MG/L	4915B	05/10/1994	ND	1.0000
Total organic carbon	MG/L	4915B	08/16/1994		14.5500
Total organic carbon	MG/L	4915B	11/07/1994		7.9000
Total organic carbon	MG/L	4915B	12/07/1994		1.2500
Total organic carbon	MG/L	4915B	02/01/1995	ND	1.0000
Total organic carbon	MG/L	4915B	04/19/1995	ND	1.0000
Total organic carbon	MG/L	4915B	05/08/1995		1.0500
Total organic carbon	MG/L	4915B	08/10/1995		1.0500
Total organic carbon	MG/L	4915B	11/07/1995		1.3000
Total organic carbon	MG/L	4915B	02/12/1996	ND	1.0000
Total organic carbon	MG/L	4915B	08/19/1996		1.0000
Total organic carbon	MG/L	4915B	02/13/1997	ND	1.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Total organic carbon	MG/L	4915B	09/17/1997		2.2500
Total organic carbon	MG/L	4915B	02/09/1998	ND	1.0000
Total organic carbon	MG/L	4915B	08/06/1998	ND	1.0000
Total organic carbon	MG/L	4915B	02/22/1999	ND	1.0000
Total organic carbon	MG/L	4915B	08/25/1999		0.9300
Total organic carbon	MG/L	4915B	03/21/2000	ND	1.0000
Total organic carbon	MG/L	4915B	08/07/2000		1.2500
Total organic carbon	MG/L	4915B	03/13/2001	ND	1.0000
Total organic carbon	MG/L	4915B	08/16/2001	ND	1.0000
Total organic carbon	MG/L	4915B	02/22/2002		1.0500
Total organic carbon	MG/L	4915B	08/28/2002	ND	1.0000
Total organic carbon	MG/L	4915B	02/18/2003	ND	1.0000
Total organic carbon	MG/L	4915B	09/26/2003	ND	1.0000
Total organic carbon	MG/L	4915B	02/27/2004	ND	1.0000
Total organic carbon	MG/L	4915B	09/22/2004		1.5500
Total organic carbon	MG/L	4915B	03/18/2005		1.9000
Total organic carbon	MG/L	4915C	05/14/1991		1.1500
Total organic carbon	MG/L	4915C	11/07/1991	ND	1.0000
Total organic carbon	MG/L	4915C	02/12/1992		2.6000
Total organic carbon	MG/L	4915C	05/14/1992		1.9500
Total organic carbon	MG/L	4915C	08/04/1992		2.1500
Total organic carbon	MG/L	4915C	11/17/1992	ND	1.0000
Total organic carbon	MG/L	4915C	02/11/1993	ND	1.0000
Total organic carbon	MG/L	4915C	05/25/1993	ND	1.0000
Total organic carbon	MG/L	4915C	08/18/1993	ND	1.0000
Total organic carbon	MG/L	4915C	11/16/1993	ND	1.0000
Total organic carbon	MG/L	4915C	02/23/1994	ND	1.0000
Total organic carbon	MG/L	4915C	05/11/1994	ND	1.0000
Total organic carbon	MG/L	4915C	08/15/1994	ND	1.0000
Total organic carbon	MG/L	4915C	11/10/1994		2.6500
Total organic carbon	MG/L	4915C	02/07/1995	ND	1.0000
Total organic carbon	MG/L	4915C	05/04/1995	ND	1.0000
Total organic carbon	MG/L	4915C	08/09/1995	ND	1.0000
Total organic carbon	MG/L	4915C	11/06/1995		1.0500
Total organic carbon	MG/L	4915C	02/07/1996		1.1000
Total organic carbon	MG/L	4915C	08/13/1996	ND	1.0000
Total organic carbon	MG/L	4915C	02/12/1997	ND	1.0000
Total organic carbon	MG/L	4915C	08/05/1997	ND	1.0000
Total organic carbon	MG/L	4915C	02/05/1998	ND	1.0000
Total organic carbon	MG/L	4915C	08/03/1998	ND	1.0000
Total organic carbon	MG/L	4915C	02/18/1999	ND	1.0000
Total organic carbon	MG/L	4915C	08/24/1999		1.3500
Total organic carbon	MG/L	4915C	02/18/2000	ND	1.0000
Total organic carbon	MG/L	4915C	07/19/2000	ND	1.0000
Total organic carbon	MG/L	4915C	03/08/2001	ND	1.0000
Total organic carbon	MG/L	4915C	08/21/2001	ND	1.0000
Total organic carbon	MG/L	4915C	02/20/2002	ND	1.0000
Total organic carbon	MG/L	4915C	09/25/2003	ND	1.0000
Total organic carbon	MG/L	4915C	02/16/2004	ND	1.0000
Total organic carbon	MG/L	4915C	09/01/2004	ND	1.0000
Total organic carbon	MG/L	4915C	03/15/2005		1.3000
Total organic halogen	UG/L	4915A	02/11/1991		8.1000
Total organic halogen	UG/L	4915A	05/10/1991	ND	5.0000
Total organic halogen	UG/L	4915A	08/12/1991		5.2500
Total organic halogen	UG/L	4915A	11/06/1991	ND	5.0000
Total organic halogen	UG/L	4915A	02/11/1992	ND	5.0000
Total organic halogen	UG/L	4915A	05/14/1992		5.4750
Total organic halogen	UG/L	4915A	08/10/1992		5.0000
Total organic halogen	UG/L	4915A	11/18/1992	ND	5.0000
Total organic halogen	UG/L	4915A	02/09/1993	ND	5.0000
Total organic halogen	UG/L	4915A	05/26/1993	ND	5.0000
Total organic halogen	UG/L	4915A	08/18/1993	ND	5.0000
Total organic halogen	UG/L	4915A	11/16/1993		9.0000
Total organic halogen	UG/L	4915A	02/24/1994		7.0750
Total organic halogen	UG/L	4915A	05/11/1994		5.4250

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Total organic halogen	UG/L	4915A	08/11/1994	ND	10.0000	
Total organic halogen	UG/L	4915A	11/11/1994		10.5000	
Total organic halogen	UG/L	4915A	12/07/1994	ND	10.0000	
Total organic halogen	UG/L	4915A	02/03/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	05/04/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	08/08/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	11/03/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	02/06/1996	ND	10.0000	
Total organic halogen	UG/L	4915A	08/13/1996	ND	10.0000	
Total organic halogen	UG/L	4915A	02/12/1997	ND	10.0000	
Total organic halogen	UG/L	4915A	08/05/1997	ND	10.0000	
Total organic halogen	UG/L	4915A	02/04/1998		12.0000	
Total organic halogen	UG/L	4915A	08/04/1998	ND	10.0000	
Total organic halogen	UG/L	4915A	02/18/1999	ND	30.0000	
Total organic halogen	UG/L	4915A	08/24/1999	ND	30.0000	
Total organic halogen	UG/L	4915A	02/18/2000	ND	30.0000	
Total organic halogen	UG/L	4915A	07/26/2000	ND	30.0000	
Total organic halogen	UG/L	4915A	08/21/2001	ND	30.0000	
Total organic halogen	UG/L	4915A	02/21/2002	ND	30.0000	
Total organic halogen	UG/L	4915A	08/06/2002	ND	30.0000	
Total organic halogen	UG/L	4915A	02/10/2003	ND	30.0000	
Total organic halogen	UG/L	4915A	09/25/2003	ND	30.0000	
Total organic halogen	UG/L	4915A	02/16/2004	ND	30.0000	
Total organic halogen	UG/L	4915A	09/01/2004	ND	30.0000	
Total organic halogen	UG/L	4915A	03/15/2005	ND	30.0000	
Total organic halogen	UG/L	4915B	02/11/1991		16.8000	
Total organic halogen	UG/L	4915B	05/10/1991		20.7500	
Total organic halogen	UG/L	4915B	08/12/1991		5.0000	
Total organic halogen	UG/L	4915B	11/06/1991		5.0000	
Total organic halogen	UG/L	4915B	02/11/1992		11.2500	
Total organic halogen	UG/L	4915B	05/13/1992		29.6500	
Total organic halogen	UG/L	4915B	08/10/1992		12.2500	
Total organic halogen	UG/L	4915B	11/17/1992		6.5000	
Total organic halogen	UG/L	4915B	02/09/1993	ND	5.0000	
Total organic halogen	UG/L	4915B	05/25/1993		7.5000	
Total organic halogen	UG/L	4915B	08/13/1993		9.7500	
Total organic halogen	UG/L	4915B	11/18/1993		5.5000	
Total organic halogen	UG/L	4915B	02/23/1994		14.7500	
Total organic halogen	UG/L	4915B	05/10/1994		30.8000	
Total organic halogen	UG/L	4915B	08/16/1994	ND	10.0000	
Total organic halogen	UG/L	4915B	11/07/1994	ND	10.0000	
Total organic halogen	UG/L	4915B	12/07/1994	ND	10.0000	
Total organic halogen	UG/L	4915B	02/01/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	04/19/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	05/08/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	08/10/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	11/07/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	02/12/1996	ND	10.0000	
Total organic halogen	UG/L	4915B	08/19/1996	ND	10.0000	
Total organic halogen	UG/L	4915B	02/13/1997	ND	10.0000	
Total organic halogen	UG/L	4915B	08/06/1997	ND	10.0000	
Total organic halogen	UG/L	4915B	02/09/1998	ND	10.0000	
Total organic halogen	UG/L	4915B	08/06/1998	ND	10.0000	
Total organic halogen	UG/L	4915B	02/22/1999	ND	30.0000	
Total organic halogen	UG/L	4915B	08/25/1999	ND	30.0000	
Total organic halogen	UG/L	4915B	03/21/2000	ND	30.0000	
Total organic halogen	UG/L	4915B	08/07/2000	ND	30.0000	
Total organic halogen	UG/L	4915B	03/13/2001	ND	30.0000	
Total organic halogen	UG/L	4915B	08/16/2001	ND	30.0000	
Total organic halogen	UG/L	4915B	02/22/2002	ND	30.0000	
Total organic halogen	UG/L	4915B	08/28/2002	ND	30.0000	
Total organic halogen	UG/L	4915B	02/18/2003	ND	30.0000	
Total organic halogen	UG/L	4915B	09/26/2003	ND	30.0000	
Total organic halogen	UG/L	4915B	02/27/2004	ND	30.0000	
Total organic halogen	UG/L	4915B	09/22/2004	ND	30.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Total organic halogen	UG/L	4915B	03/18/2005	ND	30.0000	
Total organic halogen	UG/L	4915C	05/14/1991		5.2500	
Total organic halogen	UG/L	4915C	11/14/1991	ND	5.0000	
Total organic halogen	UG/L	4915C	02/12/1992	ND	5.0000	
Total organic halogen	UG/L	4915C	05/14/1992		7.8500	
Total organic halogen	UG/L	4915C	08/04/1992	ND	5.0000	
Total organic halogen	UG/L	4915C	11/17/1992	ND	5.0000	
Total organic halogen	UG/L	4915C	02/11/1993	ND	5.0000	
Total organic halogen	UG/L	4915C	05/25/1993	ND	5.0000	
Total organic halogen	UG/L	4915C	08/18/1993	ND	5.0000	
Total organic halogen	UG/L	4915C	11/16/1993		11.0000	
Total organic halogen	UG/L	4915C	02/23/1994		5.2500	
Total organic halogen	UG/L	4915C	05/11/1994		6.5750	
Total organic halogen	UG/L	4915C	08/15/1994	ND	10.0000	
Total organic halogen	UG/L	4915C	11/10/1994	ND	10.0000	
Total organic halogen	UG/L	4915C	02/07/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	05/04/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	08/09/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	11/06/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	02/07/1996	ND	10.0000	
Total organic halogen	UG/L	4915C	08/13/1996	ND	10.0000	
Total organic halogen	UG/L	4915C	02/12/1997	ND	10.0000	
Total organic halogen	UG/L	4915C	08/05/1997	ND	10.0000	
Total organic halogen	UG/L	4915C	02/05/1998	ND	10.0000	
Total organic halogen	UG/L	4915C	08/03/1998	ND	10.0000	
Total organic halogen	UG/L	4915C	02/18/1999		39.0000	
Total organic halogen	UG/L	4915C	08/24/1999	ND	30.0000	
Total organic halogen	UG/L	4915C	02/18/2000	ND	30.0000	
Total organic halogen	UG/L	4915C	07/19/2000	ND	30.0000	
Total organic halogen	UG/L	4915C	03/08/2001	ND	30.0000	
Total organic halogen	UG/L	4915C	08/21/2001	ND	30.0000	
Total organic halogen	UG/L	4915C	02/20/2002	ND	30.0000	
Total organic halogen	UG/L	4915C	09/25/2003	ND	30.0000	
Total organic halogen	UG/L	4915C	02/16/2004	ND	30.0000	
Total organic halogen	UG/L	4915C	09/01/2004	ND	30.0000	
Total organic halogen	UG/L	4915C	03/15/2005	ND	30.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Alkalinity, bicarbonate (as caco3)	MG/L	4916D	03/22/2005		260.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	03/21/2005		350.0000	***	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916G	03/23/2005		210.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	03/21/2005		380.0000	***	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	03/18/2005		420.0000	***	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916L	03/16/2005		180.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4926C	03/22/2005		260.0000		290.9071
Biochemical oxygen demand	MG/L	4916D	03/22/2005		11.0000	***	2.0000
Biochemical oxygen demand	MG/L	4916F	03/21/2005		6.0000	***	2.0000
Biochemical oxygen demand	MG/L	4916G	03/23/2005		4.7000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	03/21/2005		3.8000	***	2.0000
Biochemical oxygen demand	MG/L	4916J	03/18/2005	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916L	03/16/2005	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	03/22/2005		9.9000	*	2.0000
Calcium-dissolved	UG/L	4916D	03/22/2005		83000.0000		95420.9778
Calcium-dissolved	UG/L	4916F	03/21/2005		110000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916G	03/23/2005		72000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	03/21/2005		110000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916J	03/18/2005		130000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916L	03/16/2005		68000.0000		95420.9778
Calcium-dissolved	UG/L	4926C	03/22/2005		84000.0000		95420.9778
Chemical oxygen demand	MG/L	4916D	03/22/2005	ND	8.0000		95.0000
Chemical oxygen demand	MG/L	4916F	03/21/2005	ND	8.0000		95.0000
Chemical oxygen demand	MG/L	4916G	03/23/2005	ND	8.0000		95.0000
Chemical oxygen demand	MG/L	4916H	03/21/2005	ND	8.0000		95.0000
Chemical oxygen demand	MG/L	4916J	03/18/2005	ND	8.0000		95.0000
Chemical oxygen demand	MG/L	4916L	03/16/2005		9.0000		95.0000
Chemical oxygen demand	MG/L	4926C	03/22/2005	ND	8.0000		95.0000
Chloride	MG/L	4916D	03/22/2005		41.0000		106.0000
Chloride	MG/L	4916F	03/21/2005		22.0000		106.0000
Chloride	MG/L	4916G	03/23/2005		40.0000		106.0000
Chloride	MG/L	4916H	03/21/2005		23.0000		106.0000
Chloride	MG/L	4916J	03/18/2005		29.0000		106.0000
Chloride	MG/L	4916L	03/16/2005		33.0000		106.0000
Chloride	MG/L	4926C	03/22/2005		39.0000		106.0000
Fluoride	MG/L	4916D	03/22/2005	ND	1.0000		0.9626
Fluoride	MG/L	4916F	03/21/2005	ND	1.0000		0.9626
Fluoride	MG/L	4916G	03/23/2005	ND	1.0000		0.9626
Fluoride	MG/L	4916H	03/21/2005	ND	1.0000		0.9626
Fluoride	MG/L	4916J	03/18/2005	ND	1.0000		0.9626
Fluoride	MG/L	4916L	03/16/2005	ND	1.0000		0.9626
Fluoride	MG/L	4926C	03/22/2005	ND	1.0000		0.9626
Iron-dissolved	UG/L	4916D	03/22/2005		2200.0000		4480.0000
Iron-dissolved	UG/L	4916F	03/21/2005		180.0000		4480.0000
Iron-dissolved	UG/L	4916G	03/23/2005		600.0000		4480.0000
Iron-dissolved	UG/L	4916H	03/21/2005		190.0000		4480.0000
Iron-dissolved	UG/L	4916J	03/18/2005	ND	100.0000		4480.0000
Iron-dissolved	UG/L	4916L	03/16/2005	ND	100.0000		4480.0000
Iron-dissolved	UG/L	4926C	03/22/2005	ND	100.0000		4480.0000
Magnesium-dissolved	UG/L	4916D	03/22/2005		23000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	03/21/2005		31000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916G	03/23/2005		20000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	03/21/2005		31000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916J	03/18/2005		34000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916L	03/16/2005		18000.0000		26909.3080
Magnesium-dissolved	UG/L	4926C	03/22/2005		23000.0000		26909.3080
Nitrogen, nitrate	MG/L	4916D	03/22/2005	ND	0.5000		3.2914
Nitrogen, nitrate	MG/L	4916F	03/21/2005	ND	0.5000		3.2914
Nitrogen, nitrate	MG/L	4916G	03/23/2005	ND	0.5000		3.2914
Nitrogen, nitrate	MG/L	4916H	03/21/2005	ND	0.5000		3.2914
Nitrogen, nitrate	MG/L	4916J	03/18/2005	ND	0.5000		3.2914

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Nitrogen, nitrate	MG/L	4916L	03/16/2005		2.3000		3.2914
Nitrogen, nitrate	MG/L	4926C	03/22/2005	ND	0.5000		3.2914
Sodium-dissolved	MG/L	4916D	03/22/2005		31.0000		45.5633
Sodium-dissolved	MG/L	4916F	03/21/2005		33.0000		45.5633
Sodium-dissolved	MG/L	4916G	03/23/2005		30.0000		45.5633
Sodium-dissolved	MG/L	4916H	03/21/2005		33.0000		45.5633
Sodium-dissolved	MG/L	4916J	03/18/2005		37.0000		45.5633
Sodium-dissolved	MG/L	4916L	03/16/2005		34.0000		45.5633
Sodium-dissolved	MG/L	4926C	03/22/2005		32.0000		45.5633
Specific conductance	UMHOS/CM	4916D	03/22/2005		710.0000		846.0000
Specific conductance	UMHOS/CM	4916F	03/21/2005		760.0000		846.0000
Specific conductance	UMHOS/CM	4916G	03/23/2005		620.0000		846.0000
Specific conductance	UMHOS/CM	4916H	03/21/2005		820.0000		846.0000
Specific conductance	UMHOS/CM	4916J	03/18/2005		940.0000	*	846.0000
Specific conductance	UMHOS/CM	4916L	03/16/2005		620.0000		846.0000
Specific conductance	UMHOS/CM	4926C	03/22/2005		700.0000		846.0000
Sulfate	MG/L	4916D	03/22/2005		50.0000		250.0000
Sulfate	MG/L	4916F	03/21/2005		49.0000		250.0000
Sulfate	MG/L	4916G	03/23/2005		51.0000		250.0000
Sulfate	MG/L	4916H	03/21/2005		54.0000		250.0000
Sulfate	MG/L	4916J	03/18/2005		49.0000		250.0000
Sulfate	MG/L	4916L	03/16/2005		68.0000		250.0000
Sulfate	MG/L	4926C	03/22/2005		50.0000		250.0000
Total dissolved solids	MG/L	4916D	03/22/2005		420.0000		620.0000
Total dissolved solids	MG/L	4916F	03/21/2005		480.0000		620.0000
Total dissolved solids	MG/L	4916G	03/23/2005		400.0000		620.0000
Total dissolved solids	MG/L	4916H	03/21/2005		520.0000		620.0000
Total dissolved solids	MG/L	4916J	03/18/2005		560.0000		620.0000
Total dissolved solids	MG/L	4916L	03/16/2005		370.0000		620.0000
Total dissolved solids	MG/L	4926C	03/22/2005		400.0000		620.0000
Total organic carbon	MG/L	4916D	03/22/2005		1.3000		46.1500
Total organic carbon	MG/L	4916F	03/21/2005		1.4500		46.1500
Total organic carbon	MG/L	4916G	03/23/2005		1.2000		46.1500
Total organic carbon	MG/L	4916H	03/21/2005		1.2500		46.1500
Total organic carbon	MG/L	4916J	03/18/2005		5.3500		46.1500
Total organic carbon	MG/L	4916L	03/16/2005	ND	1.0000		46.1500
Total organic carbon	MG/L	4926C	03/22/2005		1.3000		46.1500
Total organic halogen	UG/L	4916D	03/22/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4916F	03/21/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4916G	03/23/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4916H	03/21/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4916J	03/18/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4916L	03/16/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4926C	03/22/2005	ND	30.0000		39.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Alkalinity, bicarbonate (as caco3)	108	110	0.982	333	336	0.991
Biochemical oxygen demand	0	28	0.000	30	91	0.330
Calcium-dissolved	74	74	1.000	254	254	1.000
Chemical oxygen demand	27	113	0.239	58	330	0.176
Chloride	117	117	1.000	340	340	1.000
Fluoride	64	116	0.552	163	329	0.495
Iron-dissolved	11	43	0.256	33	120	0.275
Magnesium-dissolved	72	74	0.973	253	253	1.000
Nitrogen, nitrate	49	55	0.891	127	159	0.799
Sodium-dissolved	71	71	1.000	245	245	1.000
Specific conductance	64	64	1.000	148	148	1.000
Sulfate	116	117	0.991	342	342	1.000
Total dissolved solids	115	115	1.000	329	329	1.000
Total organic carbon	46	116	0.397	156	331	0.471
Total organic halogen	28	115	0.243	106	325	0.326

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro Wilk Test of Normality for Multiple Groups

Constituent	N (Detects)	Detect Freq	G raw	G log	Critical Value	Limit Type
Alkalinity, bicarbonate (as caco3)	108	0.982	1.989	2.382	2.326	normal
Biochemical oxygen demand	0	0.000				nonpar
Calcium-dissolved	74	1.000	1.849	4.517	2.326	normal
Chemical oxygen demand	27	0.239	5.330	3.409	2.326	nonpar
Chloride	117	1.000	9.551	6.668	2.326	nonpar
Fluoride	64	0.552	1.641	1.551	2.326	normal
Iron-dissolved	11	0.256	2.924	0.305	2.326	nonpar
Magnesium-dissolved	72	0.973	1.327	0.374	2.326	normal
Nitrogen, nitrate	49	0.891	4.420	1.948	2.326	lognor
Sodium-dissolved	71	1.000	2.868	1.615	2.326	lognor
Specific conductance	64	1.000	2.351	3.047	2.326	nonpar
Sulfate	116	0.991	7.108	3.033	2.326	nonpar
Total dissolved solids	115	1.000	5.039	5.710	2.326	nonpar
Total organic carbon	46	0.397	5.759	3.641	2.326	nonpar
Total organic halogen	28	0.243	3.646	1.663	2.326	nonpar

Fit to distribution is confirmed if G < critical value.
If detection frequency is < 50% nonparametric or Poisson limit is used

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Model Type	N	Detect	Mean	SD	Pred Limit	Conf*
Alkalinity, bicarbonate (as caco3)	MG/L	normal	110	108	168.2545	51.7140	290.9071	
Biochemical oxygen demand	MG/L	nonpar	28	0			2.0000	0.96
Calcium-dissolved	UG/L	normal	74	74	56655.2703	16189.3336	95420.9778	
Chemical oxygen demand	MG/L	nonpar	113	27			95.0000	0.99
Chloride	MG/L	nonpar	117	117			106.0000	0.99
Fluoride	MG/L	normal	116	64	0.2915	0.2832	0.9626	
Iron-dissolved	UG/L	nonpar	43	11			4480.0000	0.98
Magnesium-dissolved	UG/L	normal	74	72	15431.8919	4793.1982	26909.3080	
Nitrogen, nitrate	MG/L	lognor	55	49	0.5567	0.3720	3.2914	
Sodium-dissolved	MG/L	lognor	71	71	3.3814	0.1826	45.5633	
Specific conductance	UMHOS/CM	nonpar	64	64			846.0000	0.99
Sulfate	MG/L	nonpar	117	116			250.0000	0.99
Total dissolved solids	MG/L	nonpar	115	115			620.0000	0.99
Total organic carbon	MG/L	nonpar	116	46			46.1500	0.99
Total organic halogen	UG/L	nonpar	115	28			39.0000	0.99

* - Confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
Model Type refers to type of prediction limit.
For lognormal limit, mean and sd in natural log units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/14/1991		472.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/15/1991		378.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/13/1992		221.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/12/1992		270.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/07/1992		286.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	09/14/1992		249.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/19/1992		257.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/03/1993		308.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/27/1993		210.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/17/1993		208.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/17/1993		203.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/25/1994		192.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	04/20/1994		190.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/12/1994		172.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/10/1994		206.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/08/1994		245.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	12/09/1994		277.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/02/1995		257.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/03/1995		190.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/07/1995		172.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/02/1995		171.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/05/1996		185.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/14/1996		163.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/12/1996		163.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/05/1996		162.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/10/1997		169.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/06/1997		174.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/04/1997		183.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/04/1998		185.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/04/1998		176.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/04/1998		174.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/17/1998		168.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/22/1999		159.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	06/01/1999		162.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/20/1999		169.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/22/1999		153.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/18/2000		162.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	05/03/2000		165.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	07/25/2000		163.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/01/2000		183.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	03/09/2001		143.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	06/06/2001		275.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/02/2001		361.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	08/16/2001		355.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	12/04/2001		225.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	02/19/2002		242.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	09/11/2003		340.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	11/20/2003		300.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	03/01/2004		310.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	09/01/2004		270.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916F	03/21/2005		350.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/16/1991		334.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/15/1991		327.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/13/1992		215.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/12/1992		239.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/07/1992		269.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	09/14/1992		285.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	12/09/1992		253.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/03/1993		304.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/27/1993		324.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/17/1993		360.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/17/1993		358.0000	*	290.9071

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ND = Not Detected, result = detection limit.

Table 6

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/25/1994		408.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/12/1994		398.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/10/1994		323.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/09/1994		298.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	12/09/1994		321.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/02/1995		311.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/03/1995		261.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/07/1995		352.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/02/1995		258.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/05/1996		227.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/14/1996		183.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/28/1996		160.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/05/1996		165.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/10/1997		173.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/06/1997		172.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/04/1997		185.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/04/1998		185.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/04/1998		183.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/04/1998		180.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/17/1998		166.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/22/1999		159.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	06/01/1999		162.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/20/1999		166.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/22/1999		163.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/18/2000		162.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	05/04/2000		166.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	07/25/2000		26.7000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/01/2000		181.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	03/09/2001		243.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	06/06/2001		285.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/02/2001		314.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/16/2001		304.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	12/04/2001		231.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	02/19/2002		231.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	08/06/2002		270.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	03/05/2003		240.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	09/11/2003		330.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	11/20/2003		300.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	03/01/2004		300.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	09/01/2004		270.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916H	03/21/2005		380.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/13/1992		237.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/12/1992		268.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/07/1992		238.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	09/11/1992		222.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	11/19/1992		298.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/02/1993		255.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/27/1993		198.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/18/1993		341.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	11/17/1993		308.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/24/1994		325.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/12/1994		268.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/11/1994		245.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	11/09/1994		276.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/02/1995		244.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/04/1995		205.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/08/1995		250.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	11/03/1995		232.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/06/1996		231.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/14/1996		174.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/12/1996		170.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	11/06/1996		165.0000		290.9071

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Table 6

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/11/1997		185.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/06/1997		173.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/12/1997		179.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/09/1998		189.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/04/1998		188.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/05/1998		184.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/22/1999		162.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	06/10/1999		163.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/25/1999	ND	5.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	12/03/1999		168.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/07/2000		170.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	05/19/2000		169.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/07/2000		170.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	11/02/2000		176.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	03/14/2001		236.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	06/12/2001		317.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/02/2001		346.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/16/2001		342.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	12/04/2001		235.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/19/2002		241.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	08/29/2002		250.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	02/17/2003		200.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	09/11/2003		420.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	11/19/2003		310.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	03/04/2004		290.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	09/02/2004		320.0000	*	290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4916J	03/18/2005		420.0000	*	290.9071
Biochemical oxygen demand	MG/L	4916D	09/11/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	11/02/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	03/12/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	06/07/2001		6.7000	*	2.0000
Biochemical oxygen demand	MG/L	4916D	08/21/2001		2.4000	*	2.0000
Biochemical oxygen demand	MG/L	4916D	12/05/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	02/22/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	08/14/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	03/04/2003	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	09/26/2003		10.0000	*	2.0000
Biochemical oxygen demand	MG/L	4916D	11/20/2003		6.7000	*	2.0000
Biochemical oxygen demand	MG/L	4916D	02/27/2004		3.9000	*	2.0000
Biochemical oxygen demand	MG/L	4916D	09/22/2004	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916D	03/22/2005		11.0000	*	2.0000
Biochemical oxygen demand	MG/L	4916F	07/25/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916F	11/01/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916F	03/09/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916F	06/06/2001		7.2000	*	2.0000
Biochemical oxygen demand	MG/L	4916F	08/16/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916F	12/04/2001		2.5000	*	2.0000
Biochemical oxygen demand	MG/L	4916F	02/19/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916F	09/11/2003		22.0000	*	2.0000
Biochemical oxygen demand	MG/L	4916F	11/20/2003		10.0000	*	2.0000
Biochemical oxygen demand	MG/L	4916F	03/01/2004		5.2000	*	2.0000
Biochemical oxygen demand	MG/L	4916F	09/01/2004		2.5000	*	2.0000
Biochemical oxygen demand	MG/L	4916F	03/21/2005		6.0000	*	2.0000
Biochemical oxygen demand	MG/L	4916G	07/25/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	11/01/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	03/08/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	06/07/2001		5.2000	*	2.0000
Biochemical oxygen demand	MG/L	4916G	08/21/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	12/27/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	02/20/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	08/08/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	02/17/2003	ND	2.0000		2.0000

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Table 6

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Constituent	Units	Well	Date		Result		Pred. Limit
Biochemical oxygen demand	MG/L	4916G	08/28/2003		3.7000	*	2.0000
Biochemical oxygen demand	MG/L	4916G	11/19/2003		8.2000	*	2.0000
Biochemical oxygen demand	MG/L	4916G	02/26/2004	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	09/22/2004	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916G	03/23/2005		4.7000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	07/25/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916H	11/01/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916H	03/09/2001		2.1000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	06/06/2001		5.2000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	08/16/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916H	12/04/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916H	02/19/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916H	08/06/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916H	03/05/2003	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4916H	09/11/2003		26.0000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	11/20/2003		9.1000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	03/01/2004		6.9000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	09/01/2004		2.3000	*	2.0000
Biochemical oxygen demand	MG/L	4916H	03/21/2005		3.8000	*	2.0000
Biochemical oxygen demand	MG/L	4926C	08/07/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	11/02/2000	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	04/17/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	06/06/2001		7.2000	*	2.0000
Biochemical oxygen demand	MG/L	4926C	08/14/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	12/05/2001	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	02/20/2002	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	09/08/2003	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	02/19/2004	ND	10.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	09/22/2004	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4926C	03/22/2005		9.9000	*	2.0000
Calcium-dissolved	UG/L	4916F	09/14/1992		84300.0000		95420.9778
Calcium-dissolved	UG/L	4916F	08/10/1994		71650.0000		95420.9778
Calcium-dissolved	UG/L	4916F	11/08/1994		83900.0000		95420.9778
Calcium-dissolved	UG/L	4916F	12/09/1994		87100.0000		95420.9778
Calcium-dissolved	UG/L	4916F	02/02/1995		89100.0000		95420.9778
Calcium-dissolved	UG/L	4916F	05/03/1995		59500.0000		95420.9778
Calcium-dissolved	UG/L	4916F	08/07/1995		56700.0000		95420.9778
Calcium-dissolved	UG/L	4916F	11/02/1995		64700.0000		95420.9778
Calcium-dissolved	UG/L	4916F	05/14/1996		63300.0000		95420.9778
Calcium-dissolved	UG/L	4916F	08/12/1996		63500.0000		95420.9778
Calcium-dissolved	UG/L	4916F	11/05/1996		60600.0000		95420.9778
Calcium-dissolved	UG/L	4916F	02/10/1997		54000.0000		95420.9778
Calcium-dissolved	UG/L	4916F	05/06/1997		68700.0000		95420.9778
Calcium-dissolved	UG/L	4916F	08/04/1997		62400.0000		95420.9778
Calcium-dissolved	UG/L	4916F	02/04/1998		55900.0000		95420.9778
Calcium-dissolved	UG/L	4916F	05/04/1998		64600.0000		95420.9778
Calcium-dissolved	UG/L	4916F	08/04/1998		58500.0000		95420.9778
Calcium-dissolved	UG/L	4916F	11/17/1998		61500.0000		95420.9778
Calcium-dissolved	UG/L	4916F	02/22/1999		53900.0000		95420.9778
Calcium-dissolved	UG/L	4916F	06/01/1999		52500.0000		95420.9778
Calcium-dissolved	UG/L	4916F	08/20/1999		61300.0000		95420.9778
Calcium-dissolved	UG/L	4916F	11/22/1999		70700.0000		95420.9778
Calcium-dissolved	UG/L	4916F	02/18/2000		52100.0000		95420.9778
Calcium-dissolved	UG/L	4916F	05/03/2000		57800.0000		95420.9778
Calcium-dissolved	UG/L	4916F	07/25/2000		54100.0000		95420.9778
Calcium-dissolved	UG/L	4916F	11/01/2000		54400.0000		95420.9778
Calcium-dissolved	UG/L	4916F	03/09/2001		72200.0000		95420.9778
Calcium-dissolved	UG/L	4916F	06/06/2001		82500.0000		95420.9778
Calcium-dissolved	UG/L	4916F	08/16/2001		97400.0000	*	95420.9778
Calcium-dissolved	UG/L	4916F	12/04/2001		61800.0000		95420.9778
Calcium-dissolved	UG/L	4916F	02/19/2002		66500.0000		95420.9778
Calcium-dissolved	UG/L	4916F	09/11/2003		93000.0000		95420.9778

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Constituent	Units	Well	Date		Result		Pred. Limit
Calcium-dissolved	UG/L	4916F	11/20/2003		86000.0000		95420.9778
Calcium-dissolved	UG/L	4916F	03/01/2004		90000.0000		95420.9778
Calcium-dissolved	UG/L	4916F	09/01/2004		72000.0000		95420.9778
Calcium-dissolved	UG/L	4916F	03/21/2005		110000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916H	09/14/1992		96000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916H	08/10/1994		110500.0000	*	95420.9778
Calcium-dissolved	UG/L	4916H	11/09/1994		81900.0000		95420.9778
Calcium-dissolved	UG/L	4916H	12/09/1994		106000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916H	02/02/1995		104000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916H	05/03/1995		91700.0000		95420.9778
Calcium-dissolved	UG/L	4916H	08/07/1995		116000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916H	11/02/1995		101000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916H	05/14/1996		79300.0000		95420.9778
Calcium-dissolved	UG/L	4916H	08/28/1996		50900.0000		95420.9778
Calcium-dissolved	UG/L	4916H	11/05/1996		51000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	02/10/1997		50600.0000		95420.9778
Calcium-dissolved	UG/L	4916H	05/06/1997		55400.0000		95420.9778
Calcium-dissolved	UG/L	4916H	08/04/1997		54900.0000		95420.9778
Calcium-dissolved	UG/L	4916H	02/04/1998		56600.0000		95420.9778
Calcium-dissolved	UG/L	4916H	05/04/1998		58100.0000		95420.9778
Calcium-dissolved	UG/L	4916H	08/04/1998		59600.0000		95420.9778
Calcium-dissolved	UG/L	4916H	11/17/1998		55700.0000		95420.9778
Calcium-dissolved	UG/L	4916H	02/22/1999		52300.0000		95420.9778
Calcium-dissolved	UG/L	4916H	06/01/1999		49300.0000		95420.9778
Calcium-dissolved	UG/L	4916H	08/20/1999		52900.0000		95420.9778
Calcium-dissolved	UG/L	4916H	11/22/1999		68200.0000		95420.9778
Calcium-dissolved	UG/L	4916H	02/18/2000		52000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	05/04/2000		56200.0000		95420.9778
Calcium-dissolved	UG/L	4916H	07/25/2000		55600.0000		95420.9778
Calcium-dissolved	UG/L	4916H	11/01/2000		53500.0000		95420.9778
Calcium-dissolved	UG/L	4916H	03/09/2001		61400.0000		95420.9778
Calcium-dissolved	UG/L	4916H	06/06/2001		86700.0000		95420.9778
Calcium-dissolved	UG/L	4916H	08/16/2001		86900.0000		95420.9778
Calcium-dissolved	UG/L	4916H	12/04/2001		59200.0000		95420.9778
Calcium-dissolved	UG/L	4916H	02/19/2002		63900.0000		95420.9778
Calcium-dissolved	UG/L	4916H	08/06/2002		74000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	03/05/2003		72000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	09/11/2003		90000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	11/20/2003		83000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	03/01/2004		85000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	09/01/2004		74000.0000		95420.9778
Calcium-dissolved	UG/L	4916H	03/21/2005		110000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916J	09/11/1992		54100.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/11/1994		82000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/12/1994		85000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	11/09/1994		93000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	02/02/1995		79300.0000		95420.9778
Calcium-dissolved	UG/L	4916J	05/04/1995		66200.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/08/1995		84100.0000		95420.9778
Calcium-dissolved	UG/L	4916J	11/03/1995		65800.0000		95420.9778
Calcium-dissolved	UG/L	4916J	05/14/1996		64300.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/12/1996		59400.0000		95420.9778
Calcium-dissolved	UG/L	4916J	11/06/1996		61000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	02/11/1997		57900.0000		95420.9778
Calcium-dissolved	UG/L	4916J	05/06/1997		53200.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/12/1997		60300.0000		95420.9778
Calcium-dissolved	UG/L	4916J	02/09/1998		62200.0000		95420.9778
Calcium-dissolved	UG/L	4916J	05/04/1998		62100.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/05/1998		60300.0000		95420.9778
Calcium-dissolved	UG/L	4916J	02/22/1999		56700.0000		95420.9778
Calcium-dissolved	UG/L	4916J	06/10/1999		57900.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/25/1999		59600.0000		95420.9778

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

Table 6

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Calcium-dissolved	UG/L	4916J	12/03/1999		56400.0000		95420.9778
Calcium-dissolved	UG/L	4916J	02/07/2000		53000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	05/19/2000		55400.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/07/2000		61500.0000		95420.9778
Calcium-dissolved	UG/L	4916J	11/02/2000		51800.0000		95420.9778
Calcium-dissolved	UG/L	4916J	03/14/2001		64800.0000		95420.9778
Calcium-dissolved	UG/L	4916J	06/12/2001		104000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916J	08/02/2001		92800.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/16/2001		98300.0000	*	95420.9778
Calcium-dissolved	UG/L	4916J	12/04/2001		63200.0000		95420.9778
Calcium-dissolved	UG/L	4916J	02/19/2002		65600.0000		95420.9778
Calcium-dissolved	UG/L	4916J	08/29/2002		67000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	02/17/2003		58000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	09/11/2003		110000.0000	*	95420.9778
Calcium-dissolved	UG/L	4916J	11/19/2003		91000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	03/04/2004		88000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	09/02/2004		91000.0000		95420.9778
Calcium-dissolved	UG/L	4916J	03/18/2005		130000.0000	*	95420.9778
Magnesium-dissolved	UG/L	4916F	09/14/1992		22600.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	08/10/1994		18200.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	11/08/1994		22500.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	12/09/1994		22300.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	02/02/1995		23000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	05/03/1995		16400.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	08/07/1995		15000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	11/02/1995		18900.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	05/14/1996		16700.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	08/12/1996		14400.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	11/05/1996		14700.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	02/10/1997		13800.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	05/06/1997		16400.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	08/04/1997		17100.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	02/04/1998		15400.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	05/04/1998		17800.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	08/04/1998		17100.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	11/17/1998		15900.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	02/22/1999		15200.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	06/01/1999		14000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	08/20/1999		15900.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	11/22/1999		17300.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	02/18/2000		14800.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	05/03/2000		16000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	07/25/2000		15300.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	11/01/2000		15500.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	03/09/2001		20900.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	06/06/2001		23000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	08/16/2001		26900.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	12/04/2001		17000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	02/19/2002		18600.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	09/11/2003		27000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916F	11/20/2003		24000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	03/01/2004		25000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	09/01/2004		21000.0000		26909.3080
Magnesium-dissolved	UG/L	4916F	03/21/2005		31000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916H	09/14/1992		24800.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/10/1994		27000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916H	11/09/1994		21400.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	12/09/1994		26100.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	02/02/1995		27000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916H	05/03/1995		22600.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/07/1995		26700.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	11/02/1995		22900.0000		26909.3080

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

Table 6

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Magnesium-dissolved	UG/L	4916H	05/14/1996		20500.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/28/1996		14100.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	11/05/1996		12600.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	02/10/1997		13000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	05/06/1997		13900.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/04/1997		15500.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	02/04/1998		15600.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	05/04/1998		16600.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/04/1998		16600.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	11/17/1998		15200.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	02/22/1999		15200.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	06/01/1999		13700.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/20/1999		15000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	11/22/1999		16900.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	02/18/2000		14900.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	05/04/2000		15600.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	07/25/2000		15900.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	11/01/2000		15200.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	03/09/2001		17800.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	06/06/2001		24000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/16/2001		24000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	12/04/2001		16300.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	02/19/2002		17800.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	08/06/2002		22000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	03/05/2003		21000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	09/11/2003		26000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	11/20/2003		24000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	03/01/2004		23000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	09/01/2004		22000.0000		26909.3080
Magnesium-dissolved	UG/L	4916H	03/21/2005		31000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916J	09/11/1992		14500.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/11/1994		20600.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/12/1994		21200.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	11/09/1994		23500.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	02/02/1995		20000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	05/04/1995		17300.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/08/1995		21000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	11/03/1995		17400.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	05/14/1996		18100.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/12/1996		14000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	11/06/1996		15800.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	02/11/1997		15400.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	05/06/1997		15500.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/12/1997		16500.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	02/09/1998		16000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	05/04/1998		17800.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/05/1998		16900.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	02/22/1999		15800.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	06/10/1999		15000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/25/1999		15900.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	12/03/1999		15200.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	02/07/2000		15000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	05/19/2000		15900.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/07/2000		16400.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	11/02/2000		14800.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	03/14/2001		19100.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	06/12/2001		28000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916J	08/16/2001		25600.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	12/04/2001		17300.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	02/19/2002		18500.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	08/29/2002		19000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	02/17/2003		16000.0000		26909.3080

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

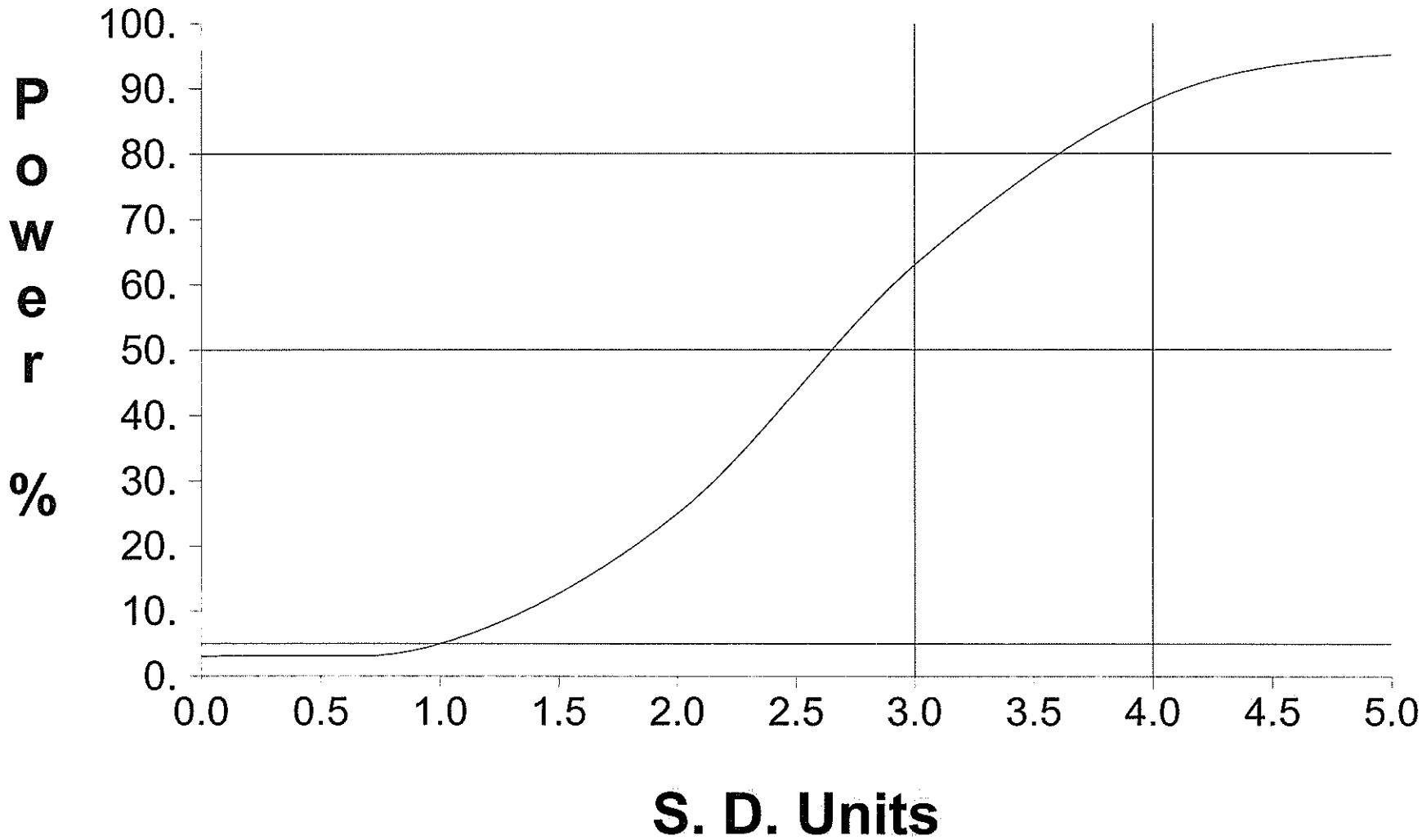
Table 6

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

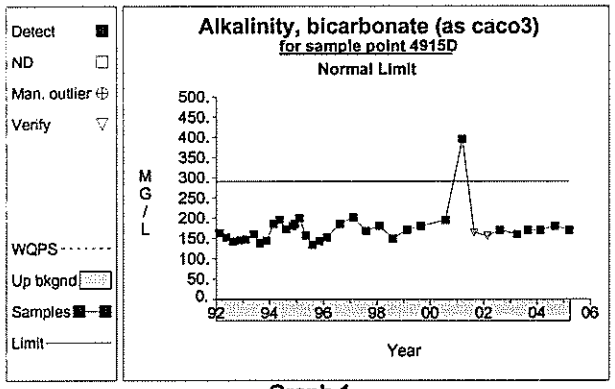
Constituent	Units	Well	Date		Result		Pred. Limit
Magnesium-dissolved	UG/L	4916J	09/11/2003		32000.0000	*	26909.3080
Magnesium-dissolved	UG/L	4916J	11/19/2003		25000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	03/04/2004		24000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	09/02/2004		26000.0000		26909.3080
Magnesium-dissolved	UG/L	4916J	03/18/2005		34000.0000	*	26909.3080
Specific conductance	UMHOS/CM	4916J	02/13/1992		592.0000		846.0000
Specific conductance	UMHOS/CM	4916J	05/12/1992		666.0000		846.0000
Specific conductance	UMHOS/CM	4916J	08/07/1992		627.0000		846.0000
Specific conductance	UMHOS/CM	4916J	09/11/1992		577.0000		846.0000
Specific conductance	UMHOS/CM	4916J	02/02/1993		673.0000		846.0000
Specific conductance	UMHOS/CM	4916J	05/27/1993		567.0000		846.0000
Specific conductance	UMHOS/CM	4916J	08/18/1993		845.0000		846.0000
Specific conductance	UMHOS/CM	4916J	02/24/1994		931.0000	*	846.0000
Specific conductance	UMHOS/CM	4916J	05/12/1994		797.0000		846.0000
Specific conductance	UMHOS/CM	4916J	08/11/1994		722.0000		846.0000
Specific conductance	UMHOS/CM	4916J	11/09/1994		698.0000		846.0000
Specific conductance	UMHOS/CM	4916J	02/02/1995		659.0000		846.0000
Specific conductance	UMHOS/CM	4916J	05/04/1995		586.0000		846.0000
Specific conductance	UMHOS/CM	4916J	08/08/1995		705.0000		846.0000
Specific conductance	UMHOS/CM	4916J	11/03/1995		637.0000		846.0000
Specific conductance	UMHOS/CM	4916J	03/14/2001		558.0000		846.0000
Specific conductance	UMHOS/CM	4916J	08/29/2002		550.0000		846.0000
Specific conductance	UMHOS/CM	4916J	02/17/2003		430.0000		846.0000
Specific conductance	UMHOS/CM	4916J	09/11/2003		900.0000	*	846.0000
Specific conductance	UMHOS/CM	4916J	11/19/2003		710.0000		846.0000
Specific conductance	UMHOS/CM	4916J	03/04/2004		730.0000		846.0000
Specific conductance	UMHOS/CM	4916J	09/02/2004		770.0000		846.0000
Specific conductance	UMHOS/CM	4916J	03/18/2005		940.0000	*	846.0000

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

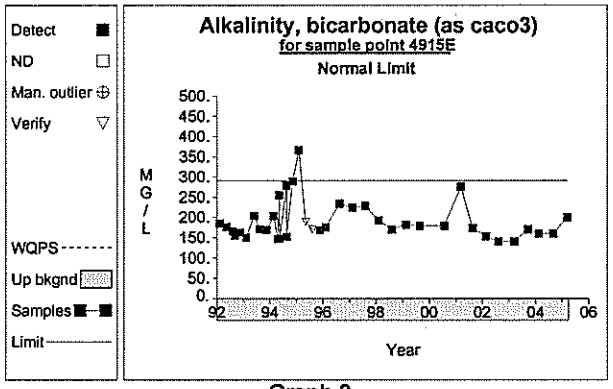
False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program



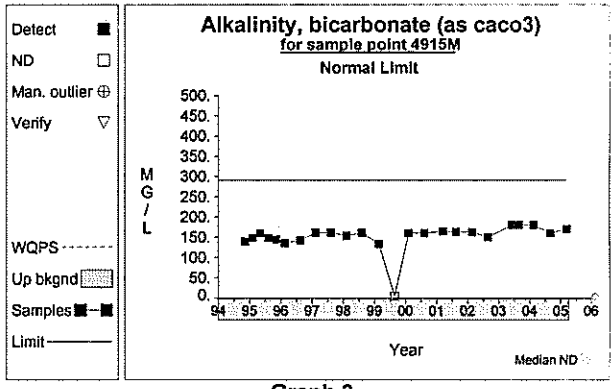
Up vs. Down Prediction Limits



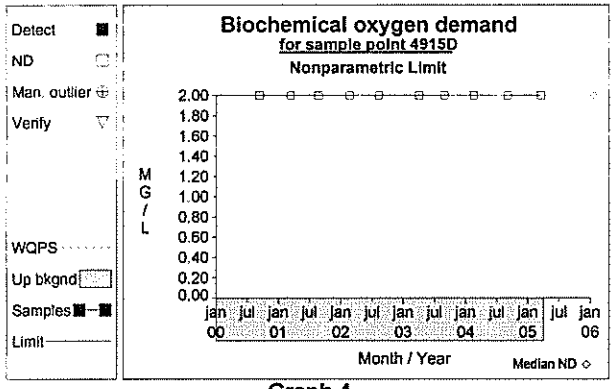
Graph 1



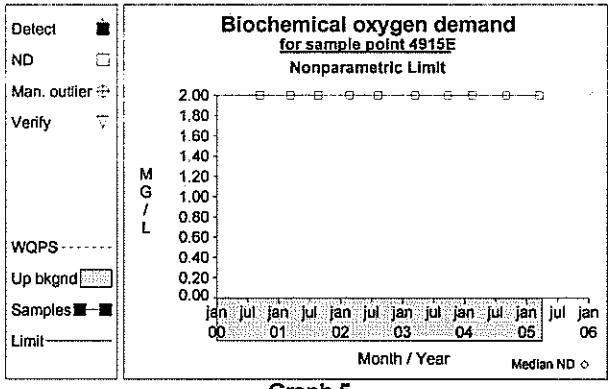
Graph 2



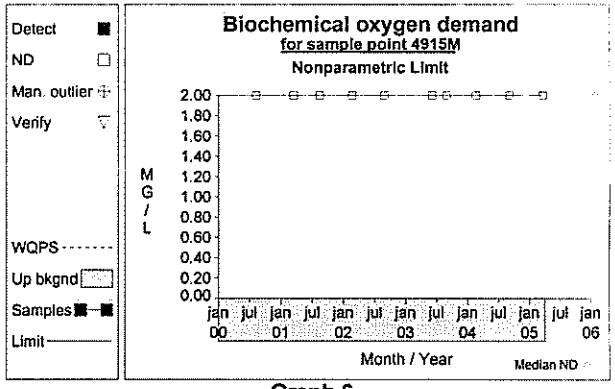
Graph 3



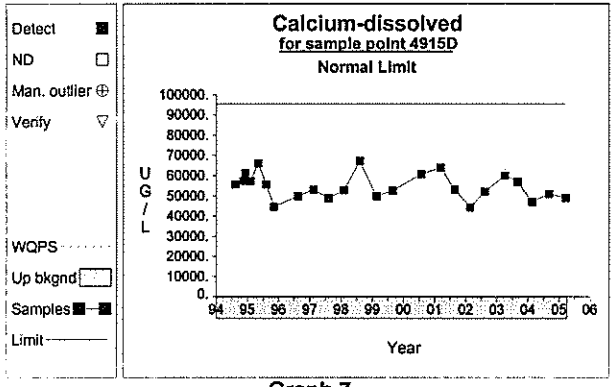
Graph 4



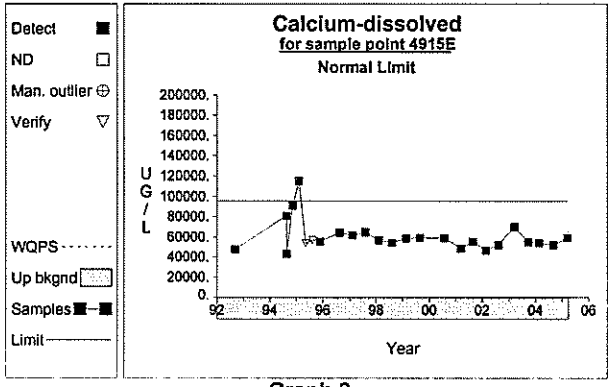
Graph 5



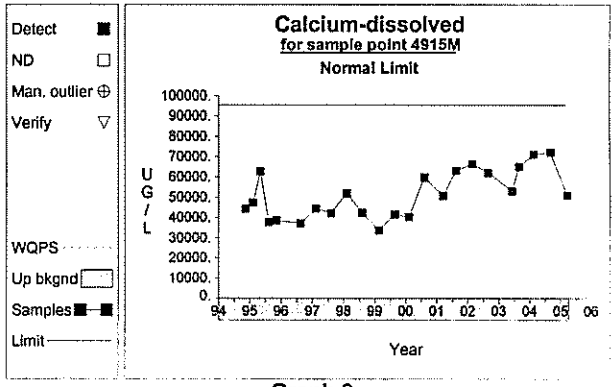
Graph 6



Graph 7

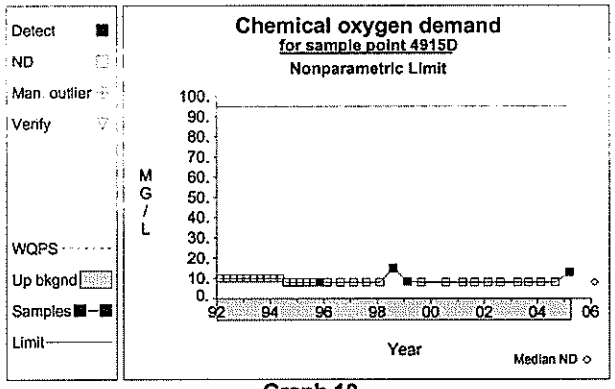


Graph 8

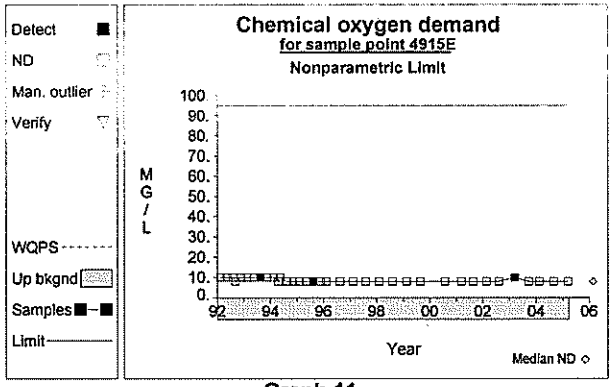


Graph 9

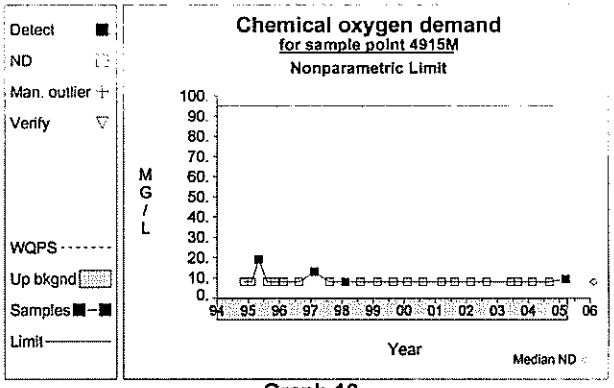
Up vs. Down Prediction Limits



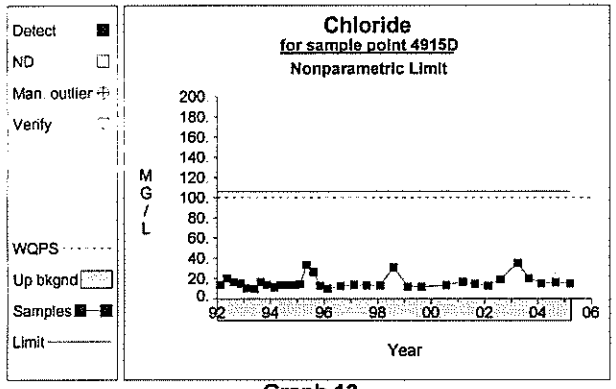
Graph 10



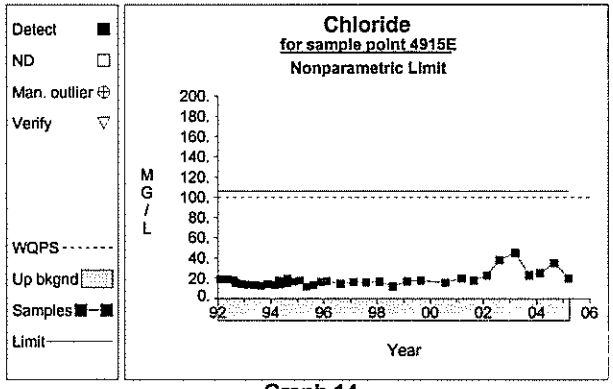
Graph 11



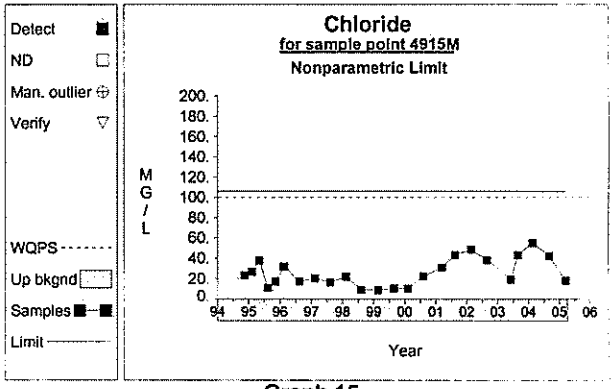
Graph 12



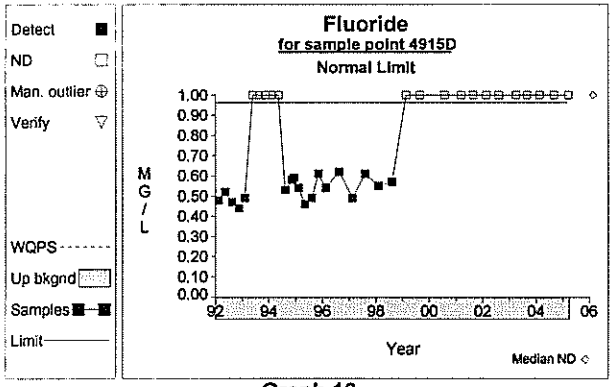
Graph 13



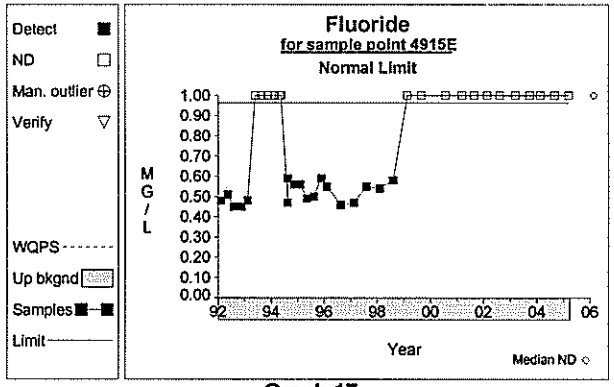
Graph 14



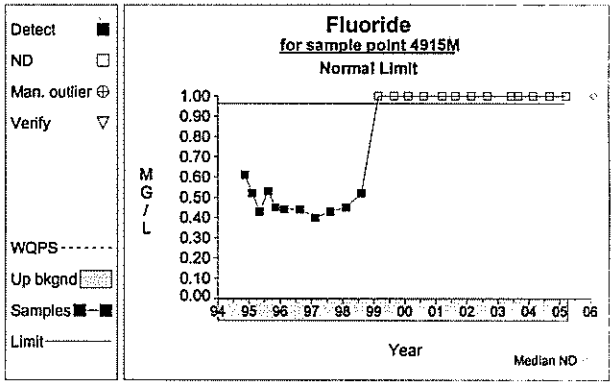
Graph 15



Graph 16

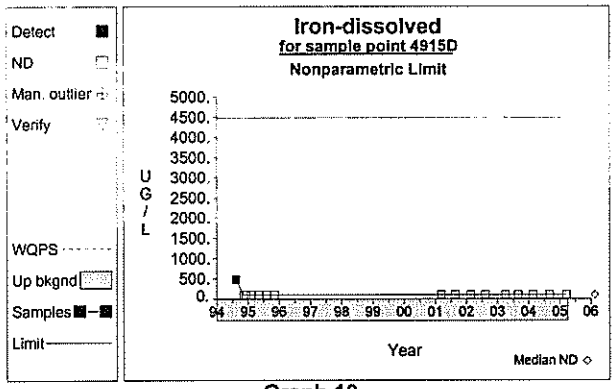


Graph 17

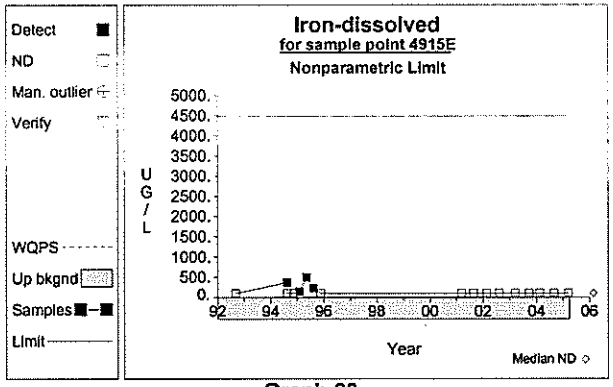


Graph 18

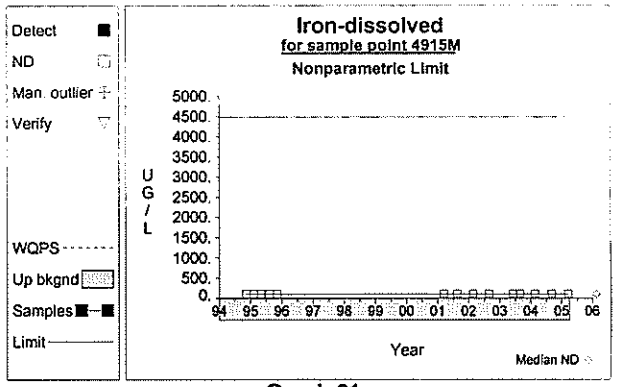
Up vs. Down Prediction Limits



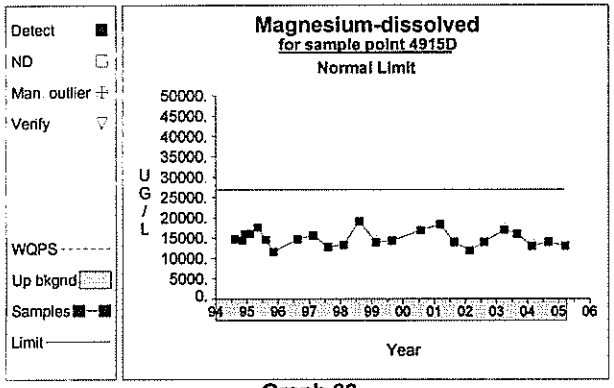
Graph 19



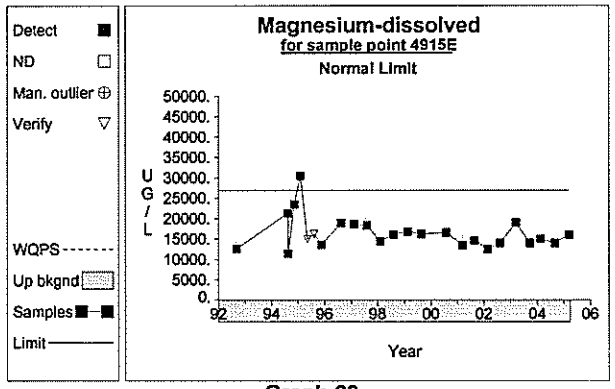
Graph 20



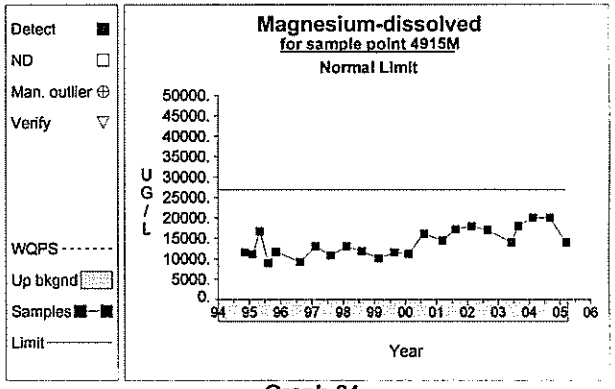
Graph 21



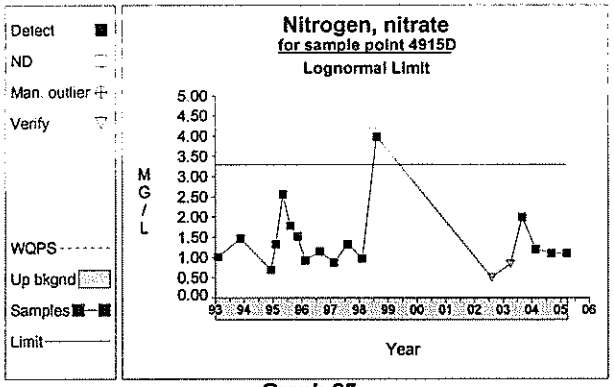
Graph 22



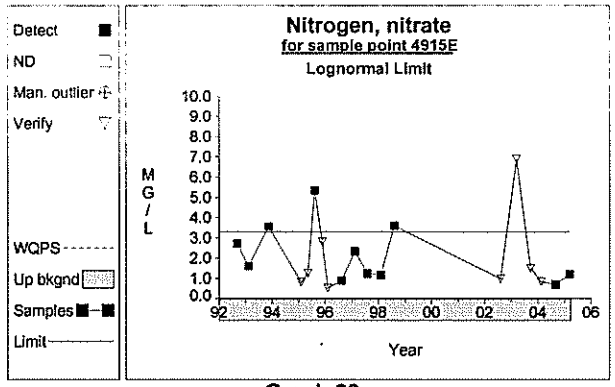
Graph 23



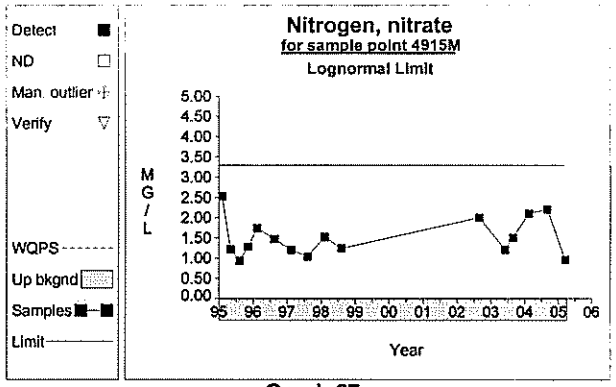
Graph 24



Graph 25

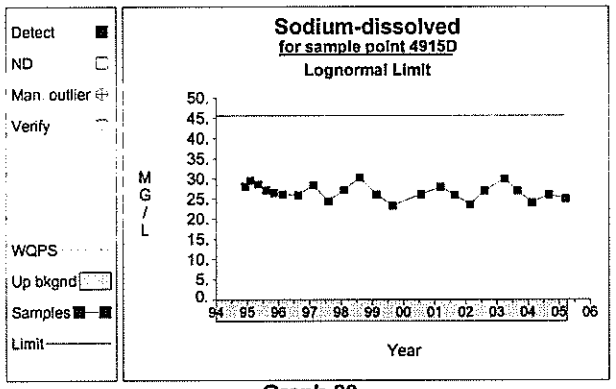


Graph 26

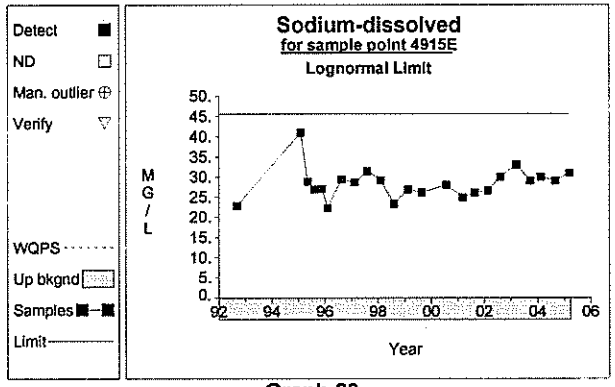


Graph 27

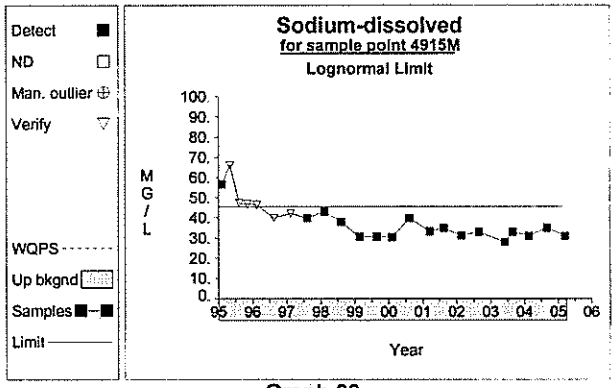
Up vs. Down Prediction Limits



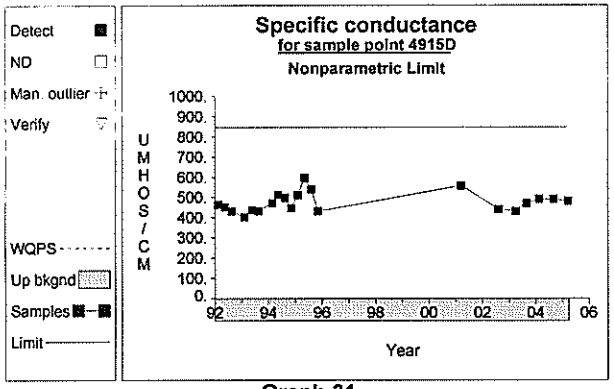
Graph 28



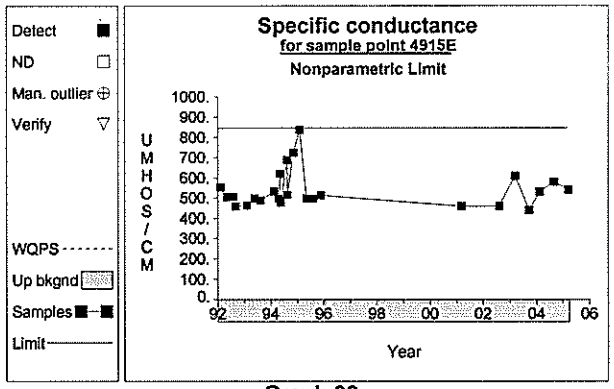
Graph 29



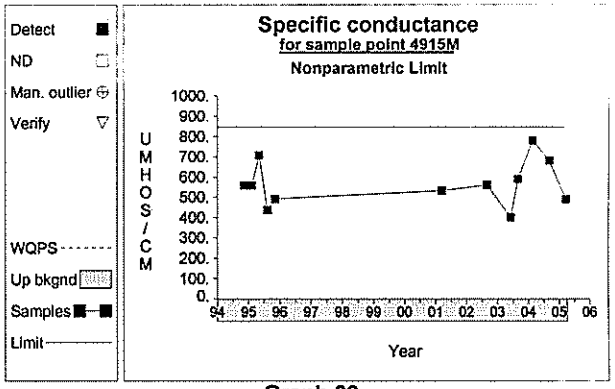
Graph 30



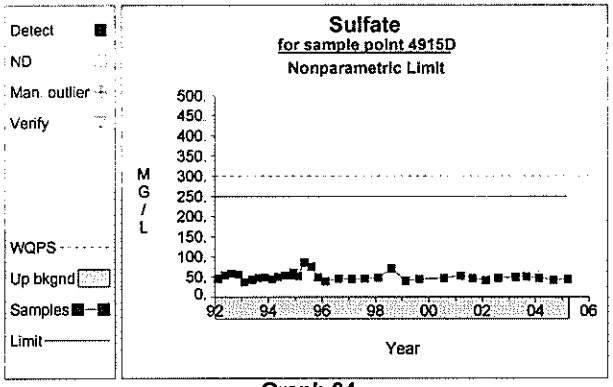
Graph 31



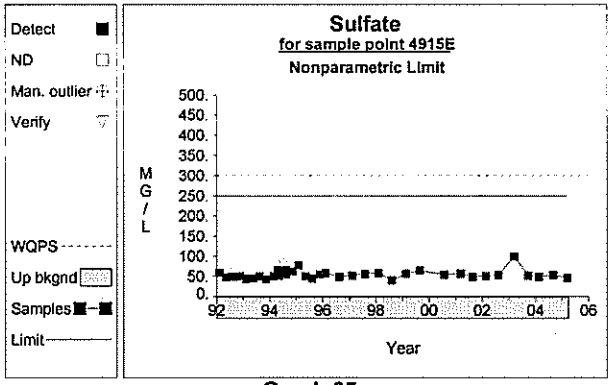
Graph 32



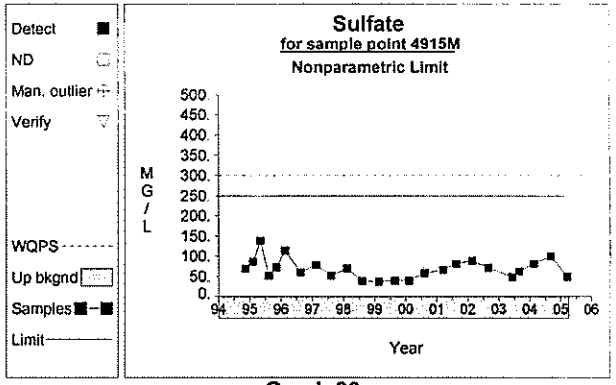
Graph 33



Graph 34

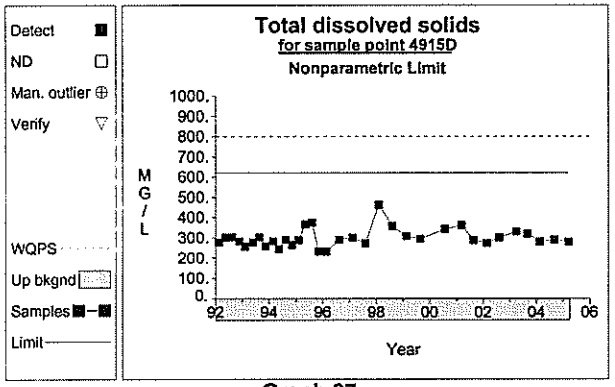


Graph 35

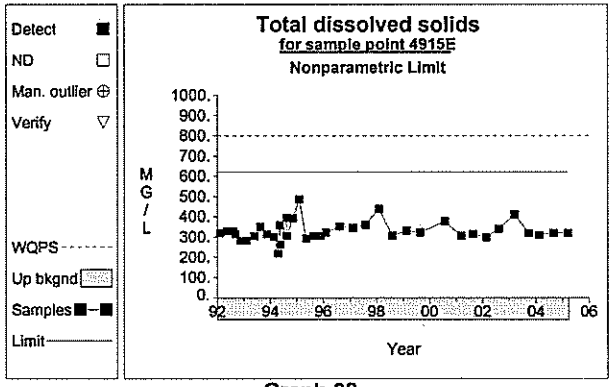


Graph 36

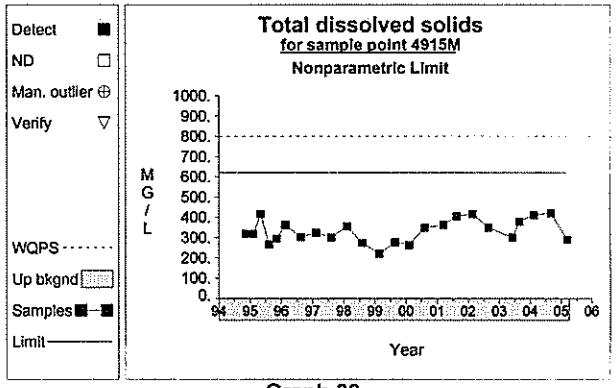
Up vs. Down Prediction Limits



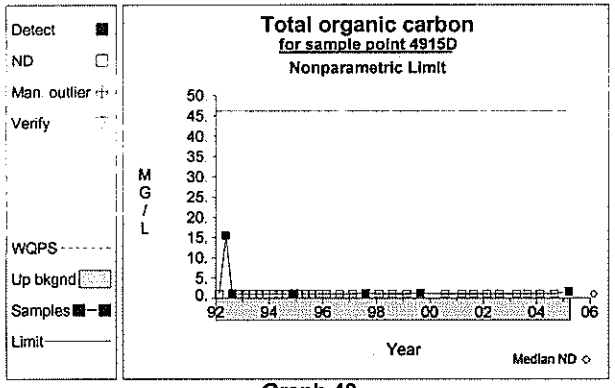
Graph 37



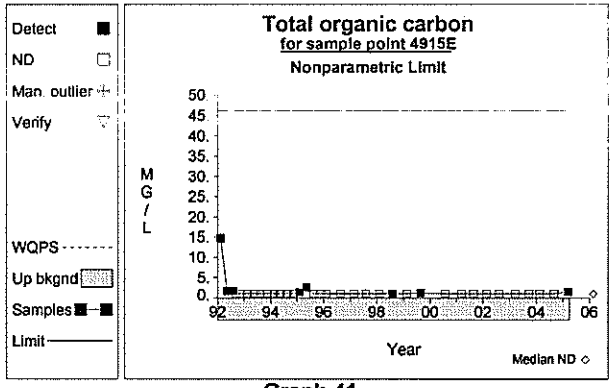
Graph 38



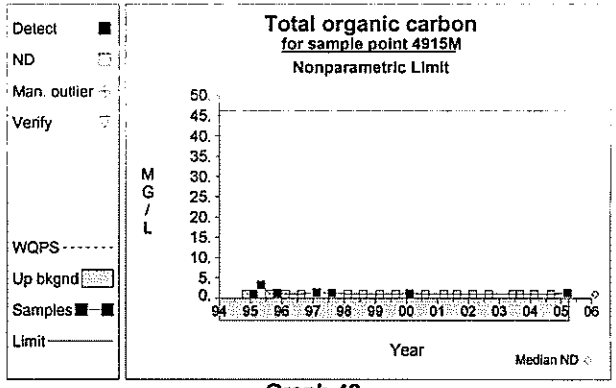
Graph 39



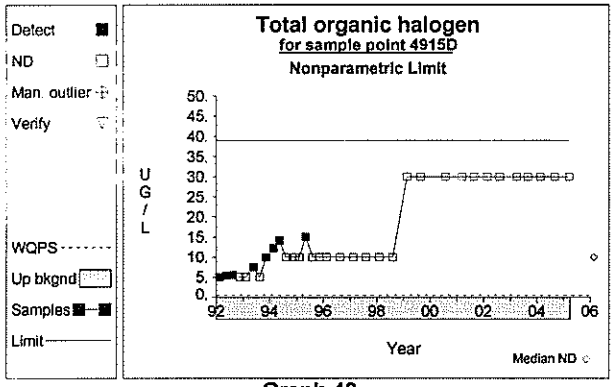
Graph 40



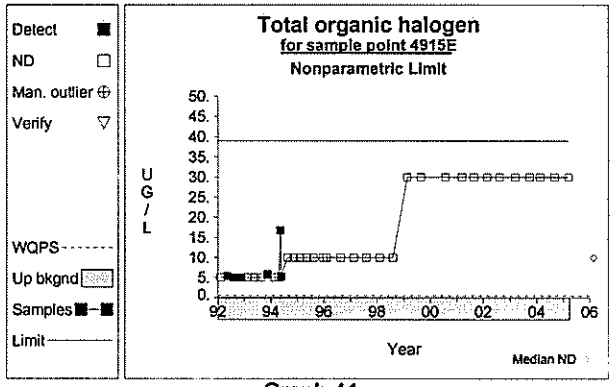
Graph 41



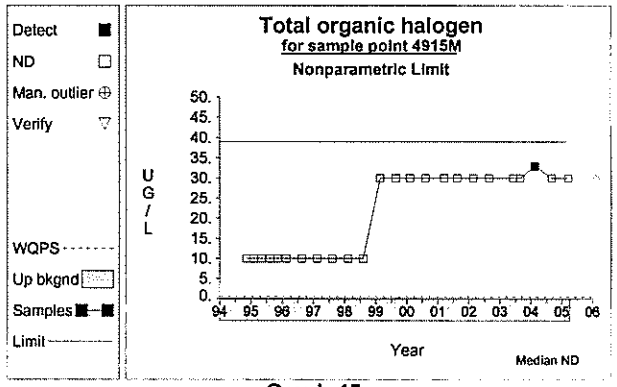
Graph 42



Graph 43



Graph 44



Graph 45

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/10/1991		114.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/12/1991	ND	5.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/11/1992		171.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/14/1992	ND	10.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/10/1992		44.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	09/10/1992		47.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/18/1992		43.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/09/1993		33.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/26/1993		184.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/18/1993		146.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/16/1993		179.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/24/1994		247.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/11/1994		247.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/11/1994		261.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/11/1994		230.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	12/07/1994		226.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/03/1995		226.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	05/04/1995		263.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/08/1995		207.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	11/03/1995		192.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/06/1996		173.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/13/1996		196.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/12/1997		230.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/05/1997		189.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/04/1998		178.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/04/1998		191.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/18/1999		191.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/24/1999		177.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/18/2000		144.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	07/26/2000		167.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	03/08/2001		139.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/21/2001		184.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/21/2002		158.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	08/06/2002		130.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/10/2003		120.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	09/25/2003		170.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	02/16/2004		190.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	09/01/2004		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915A	03/15/2005		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/10/1991		114.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/12/1991	ND	5.0000	*
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/11/1992		132.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/13/1992		92.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/10/1992		115.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/17/1992		144.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/09/1993		113.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/25/1993		131.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/13/1993		134.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/18/1993		115.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/23/1994		129.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/10/1994		116.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/16/1994		138.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/07/1994		169.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	12/07/1994		174.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/01/1995		224.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	04/19/1995		136.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	05/08/1995		132.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/10/1995		124.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	11/07/1995		127.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/12/1996		156.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/19/1996		177.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/13/1997		175.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/06/1997		163.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/09/1998		162.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/06/1998		136.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/22/1999		136.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/25/1999	ND	5.0000	*
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	03/21/2000		199.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/07/2000		178.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	03/13/2001		180.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/16/2001		153.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/22/2002		156.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	08/28/2002		230.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/18/2003		200.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	09/26/2003		170.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	02/27/2004		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	09/22/2004		170.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915B	03/18/2005		150.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/14/1991		240.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/12/1992		176.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/14/1992		181.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/04/1992		173.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/17/1992		155.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/11/1993		165.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/25/1993		215.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/18/1993		219.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/16/1993		207.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/23/1994		234.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/11/1994		246.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/15/1994		271.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/10/1994		239.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/07/1995		255.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	05/04/1995		248.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/09/1995		190.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	11/06/1995		169.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/07/1996		185.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/13/1996		238.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/12/1997		214.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/05/1997		196.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/05/1998		181.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/03/1998		180.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/18/1999		194.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/24/1999		175.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/18/2000		139.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	07/19/2000		168.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	03/08/2001		139.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	08/21/2001		174.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/20/2002		145.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	09/25/2003		160.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	02/16/2004		190.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	09/01/2004		130.0000	
Alkalinity, bicarbonate (as caco3)	MG/L	4915C	03/15/2005		200.0000	
Biochemical oxygen demand	MG/L	4915A	09/11/2000	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	03/08/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	08/21/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	02/21/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	08/06/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	02/10/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	09/25/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	02/16/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	09/01/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915A	03/15/2005	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	08/07/2000	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	03/13/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	08/16/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	02/22/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	08/28/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	02/18/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	09/26/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	02/27/2004	ND	2.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Biochemical oxygen demand	MG/L	4915B	09/22/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915B	03/18/2005	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	07/19/2000	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	03/08/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	08/21/2001	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	02/20/2002	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	09/25/2003	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	02/16/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	09/01/2004	ND	2.0000	
Biochemical oxygen demand	MG/L	4915C	03/15/2005	ND	2.0000	
Calcium-dissolved	UG/L	4915A	09/10/1992		9540.0000	
Calcium-dissolved	UG/L	4915A	08/11/1994		74400.0000	
Calcium-dissolved	UG/L	4915A	11/11/1994		75300.0000	
Calcium-dissolved	UG/L	4915A	12/07/1994		79500.0000	
Calcium-dissolved	UG/L	4915A	02/03/1995		79900.0000	
Calcium-dissolved	UG/L	4915A	05/04/1995		77600.0000	
Calcium-dissolved	UG/L	4915A	08/08/1995		65300.0000	
Calcium-dissolved	UG/L	4915A	11/03/1995		54400.0000	
Calcium-dissolved	UG/L	4915A	08/13/1996		59700.0000	
Calcium-dissolved	UG/L	4915A	02/12/1997		76200.0000	
Calcium-dissolved	UG/L	4915A	08/05/1997		59000.0000	
Calcium-dissolved	UG/L	4915A	02/04/1998		107000.0000	
Calcium-dissolved	UG/L	4915A	08/04/1998		60500.0000	
Calcium-dissolved	UG/L	4915A	02/18/1999		56700.0000	
Calcium-dissolved	UG/L	4915A	08/24/1999		59100.0000	
Calcium-dissolved	UG/L	4915A	02/18/2000		50400.0000	
Calcium-dissolved	UG/L	4915A	07/26/2000		57100.0000	
Calcium-dissolved	UG/L	4915A	03/08/2001		44800.0000	
Calcium-dissolved	UG/L	4915A	08/21/2001		55100.0000	
Calcium-dissolved	UG/L	4915A	02/21/2002		49000.0000	
Calcium-dissolved	UG/L	4915A	08/06/2002		51000.0000	
Calcium-dissolved	UG/L	4915A	02/10/2003		44000.0000	
Calcium-dissolved	UG/L	4915A	09/25/2003		56000.0000	
Calcium-dissolved	UG/L	4915A	02/16/2004		60000.0000	
Calcium-dissolved	UG/L	4915A	09/01/2004		50000.0000	
Calcium-dissolved	UG/L	4915A	03/15/2005		48000.0000	
Calcium-dissolved	UG/L	4915B	08/16/1994		71000.0000	
Calcium-dissolved	UG/L	4915B	11/07/1994		53900.0000	
Calcium-dissolved	UG/L	4915B	12/07/1994		55200.0000	
Calcium-dissolved	UG/L	4915B	02/01/1995		66000.0000	
Calcium-dissolved	UG/L	4915B	04/19/1995		18600.0000	
Calcium-dissolved	UG/L	4915B	05/08/1995		18200.0000	
Calcium-dissolved	UG/L	4915B	08/10/1995		26800.0000	
Calcium-dissolved	UG/L	4915B	11/07/1995		33700.0000	
Calcium-dissolved	UG/L	4915B	08/19/1996		54400.0000	
Calcium-dissolved	UG/L	4915B	02/13/1997		50400.0000	
Calcium-dissolved	UG/L	4915B	08/06/1997		45400.0000	
Calcium-dissolved	UG/L	4915B	02/09/1998		50100.0000	
Calcium-dissolved	UG/L	4915B	08/06/1998		32000.0000	
Calcium-dissolved	UG/L	4915B	02/22/1999		42000.0000	
Calcium-dissolved	UG/L	4915B	08/25/1999		56100.0000	
Calcium-dissolved	UG/L	4915B	03/21/2000		58600.0000	
Calcium-dissolved	UG/L	4915B	08/07/2000		60900.0000	
Calcium-dissolved	UG/L	4915B	03/13/2001		50000.0000	
Calcium-dissolved	UG/L	4915B	08/16/2001		44200.0000	
Calcium-dissolved	UG/L	4915B	02/22/2002		44300.0000	
Calcium-dissolved	UG/L	4915B	08/28/2002		74000.0000	
Calcium-dissolved	UG/L	4915B	02/18/2003		90000.0000	
Calcium-dissolved	UG/L	4915B	09/26/2003		51000.0000	
Calcium-dissolved	UG/L	4915B	02/27/2004		47000.0000	
Calcium-dissolved	UG/L	4915B	09/22/2004		62000.0000	
Calcium-dissolved	UG/L	4915B	03/18/2005		45000.0000	
Calcium-dissolved	UG/L	4915C	08/15/1994		84150.0000	
Calcium-dissolved	UG/L	4915C	11/10/1994		81100.0000	
Calcium-dissolved	UG/L	4915C	02/07/1995		83800.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Calcium-dissolved	UG/L	4915C	05/04/1995		78700.0000	
Calcium-dissolved	UG/L	4915C	08/09/1995		65800.0000	
Calcium-dissolved	UG/L	4915C	11/06/1995		51400.0000	
Calcium-dissolved	UG/L	4915C	08/13/1996		70100.0000	
Calcium-dissolved	UG/L	4915C	02/12/1997		63000.0000	
Calcium-dissolved	UG/L	4915C	08/05/1997		58700.0000	
Calcium-dissolved	UG/L	4915C	02/05/1998		55900.0000	
Calcium-dissolved	UG/L	4915C	08/03/1998		54800.0000	
Calcium-dissolved	UG/L	4915C	02/18/1999		59800.0000	
Calcium-dissolved	UG/L	4915C	08/24/1999		57800.0000	
Calcium-dissolved	UG/L	4915C	02/18/2000		48800.0000	
Calcium-dissolved	UG/L	4915C	07/19/2000		54100.0000	
Calcium-dissolved	UG/L	4915C	03/08/2001		42500.0000	
Calcium-dissolved	UG/L	4915C	08/21/2001		52800.0000	
Calcium-dissolved	UG/L	4915C	02/20/2002		47900.0000	
Calcium-dissolved	UG/L	4915C	09/25/2003		52000.0000	
Calcium-dissolved	UG/L	4915C	02/16/2004		61000.0000	
Calcium-dissolved	UG/L	4915C	09/01/2004		49000.0000	
Calcium-dissolved	UG/L	4915C	03/15/2005		59000.0000	
Chemical oxygen demand	MG/L	4915A	02/11/1991		21.7500	
Chemical oxygen demand	MG/L	4915A	05/10/1991		15.0000	
Chemical oxygen demand	MG/L	4915A	08/12/1991		10.0000	
Chemical oxygen demand	MG/L	4915A	11/06/1991		10.5000	
Chemical oxygen demand	MG/L	4915A	02/11/1992		11.0000	
Chemical oxygen demand	MG/L	4915A	05/14/1992		15.0000	
Chemical oxygen demand	MG/L	4915A	08/10/1992		10.0000	
Chemical oxygen demand	MG/L	4915A	09/10/1992		10.0000	
Chemical oxygen demand	MG/L	4915A	11/18/1992	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	02/09/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	05/26/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	08/18/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	11/16/1993	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	02/24/1994	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	05/11/1994	ND	10.0000	
Chemical oxygen demand	MG/L	4915A	08/11/1994	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	11/11/1994	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/03/1995	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	05/04/1995		11.0000	
Chemical oxygen demand	MG/L	4915A	08/08/1995	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	11/03/1995		235.0000	*
Chemical oxygen demand	MG/L	4915A	02/06/1996		14.0000	
Chemical oxygen demand	MG/L	4915A	08/13/1996	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/12/1997	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/05/1997	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/04/1998		16.0000	
Chemical oxygen demand	MG/L	4915A	08/04/1998		95.0000	
Chemical oxygen demand	MG/L	4915A	02/18/1999	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/24/1999	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/18/2000	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	07/26/2000	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/21/2001	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/21/2002	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	08/06/2002		11.0000	
Chemical oxygen demand	MG/L	4915A	02/10/2003	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	09/25/2003	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	02/16/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	09/01/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915A	03/15/2005	ND	8.0000	
Chemical oxygen demand	MG/L	4915B	02/11/1991		15.2500	
Chemical oxygen demand	MG/L	4915B	05/10/1991		10.0000	
Chemical oxygen demand	MG/L	4915B	08/12/1991	ND	10.0000	
Chemical oxygen demand	MG/L	4915B	11/06/1991		11.0000	
Chemical oxygen demand	MG/L	4915B	02/11/1992		11.5000	
Chemical oxygen demand	MG/L	4915B	05/13/1992		13.7500	
Chemical oxygen demand	MG/L	4915B	08/10/1992		10.5000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Chemical oxygen demand	MG/L	4915B	11/17/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915B	02/09/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	05/25/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	08/13/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	11/18/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915B	02/23/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915B	05/10/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915B	08/16/1994		13.0000
Chemical oxygen demand	MG/L	4915B	11/07/1994	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/01/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915B	04/19/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915B	05/08/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/10/1995		20.0000
Chemical oxygen demand	MG/L	4915B	11/07/1995		9.0000
Chemical oxygen demand	MG/L	4915B	02/12/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/19/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/13/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/06/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/09/1998		70.0000
Chemical oxygen demand	MG/L	4915B	08/06/1998	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/22/1999		8.4000
Chemical oxygen demand	MG/L	4915B	08/25/1999	ND	8.0000
Chemical oxygen demand	MG/L	4915B	03/21/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/07/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915B	03/13/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/16/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/22/2002	ND	8.0000
Chemical oxygen demand	MG/L	4915B	08/28/2002	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/18/2003	ND	8.0000
Chemical oxygen demand	MG/L	4915B	09/26/2003	ND	8.0000
Chemical oxygen demand	MG/L	4915B	02/27/2004	ND	8.0000
Chemical oxygen demand	MG/L	4915B	09/22/2004	ND	8.0000
Chemical oxygen demand	MG/L	4915B	03/18/2005	ND	8.0000
Chemical oxygen demand	MG/L	4915C	05/14/1991	ND	10.0000
Chemical oxygen demand	MG/L	4915C	11/07/1991	ND	10.0000
Chemical oxygen demand	MG/L	4915C	02/12/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915C	05/14/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915C	08/04/1992		11.0000
Chemical oxygen demand	MG/L	4915C	11/17/1992	ND	10.0000
Chemical oxygen demand	MG/L	4915C	02/11/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	05/25/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	08/18/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	11/16/1993	ND	10.0000
Chemical oxygen demand	MG/L	4915C	02/23/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915C	05/11/1994	ND	10.0000
Chemical oxygen demand	MG/L	4915C	08/15/1994	ND	8.0000
Chemical oxygen demand	MG/L	4915C	11/10/1994	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/07/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915C	05/04/1995		9.0000
Chemical oxygen demand	MG/L	4915C	08/09/1995		13.0000
Chemical oxygen demand	MG/L	4915C	11/06/1995	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/07/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/13/1996	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/12/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/05/1997	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/05/1998	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/03/1998	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/18/1999	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/24/1999	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/18/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915C	07/19/2000	ND	8.0000
Chemical oxygen demand	MG/L	4915C	03/08/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915C	08/21/2001	ND	8.0000
Chemical oxygen demand	MG/L	4915C	02/20/2002	ND	8.0000
Chemical oxygen demand	MG/L	4915C	09/25/2003	ND	8.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Chemical oxygen demand	MG/L	4915C	02/16/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915C	09/01/2004	ND	8.0000	
Chemical oxygen demand	MG/L	4915C	03/15/2005	ND	8.0000	
Chloride	MG/L	4915A	02/11/1991		50.4000	
Chloride	MG/L	4915A	05/10/1991		43.6250	
Chloride	MG/L	4915A	08/12/1991		44.8250	
Chloride	MG/L	4915A	11/06/1991		39.9250	
Chloride	MG/L	4915A	02/11/1992		27.0250	
Chloride	MG/L	4915A	05/14/1992		23.5500	
Chloride	MG/L	4915A	08/10/1992		20.2750	
Chloride	MG/L	4915A	09/10/1992		22.4000	
Chloride	MG/L	4915A	11/18/1992		19.6500	
Chloride	MG/L	4915A	02/09/1993		22.1000	
Chloride	MG/L	4915A	05/26/1993		16.3500	
Chloride	MG/L	4915A	08/18/1993		19.6500	
Chloride	MG/L	4915A	11/16/1993		17.4750	
Chloride	MG/L	4915A	02/24/1994		16.8250	
Chloride	MG/L	4915A	05/11/1994		16.1750	
Chloride	MG/L	4915A	08/11/1994		16.0000	
Chloride	MG/L	4915A	11/11/1994		19.3000	
Chloride	MG/L	4915A	12/07/1994		22.0000	
Chloride	MG/L	4915A	02/03/1995		25.6000	
Chloride	MG/L	4915A	05/04/1995		16.8000	
Chloride	MG/L	4915A	08/08/1995		17.4000	
Chloride	MG/L	4915A	11/03/1995		17.5000	
Chloride	MG/L	4915A	02/06/1996		18.6000	
Chloride	MG/L	4915A	08/13/1996		18.7000	
Chloride	MG/L	4915A	02/12/1997		34.9000	
Chloride	MG/L	4915A	08/05/1997		19.2000	
Chloride	MG/L	4915A	02/04/1998		40.6000	
Chloride	MG/L	4915A	08/04/1998		14.8000	
Chloride	MG/L	4915A	02/18/1999		16.8000	
Chloride	MG/L	4915A	08/24/1999		19.1000	
Chloride	MG/L	4915A	02/18/2000		17.6000	
Chloride	MG/L	4915A	07/26/2000		18.0000	
Chloride	MG/L	4915A	03/08/2001		14.9000	
Chloride	MG/L	4915A	08/21/2001		18.1000	
Chloride	MG/L	4915A	02/21/2002		22.6000	
Chloride	MG/L	4915A	08/06/2002		42.0000	
Chloride	MG/L	4915A	02/10/2003		34.0000	
Chloride	MG/L	4915A	09/25/2003		24.0000	
Chloride	MG/L	4915A	02/16/2004		27.0000	
Chloride	MG/L	4915A	09/01/2004		39.0000	
Chloride	MG/L	4915A	03/15/2005		23.0000	
Chloride	MG/L	4915B	02/11/1991		77.2000	
Chloride	MG/L	4915B	05/10/1991		106.0000	
Chloride	MG/L	4915B	08/12/1991		16.8250	
Chloride	MG/L	4915B	11/06/1991		15.7500	
Chloride	MG/L	4915B	02/11/1992		39.9500	
Chloride	MG/L	4915B	05/13/1992		80.7000	
Chloride	MG/L	4915B	08/10/1992		43.8000	
Chloride	MG/L	4915B	11/17/1992		11.1750	
Chloride	MG/L	4915B	02/09/1993		78.3500	
Chloride	MG/L	4915B	05/25/1993		22.6250	
Chloride	MG/L	4915B	08/13/1993		14.9750	
Chloride	MG/L	4915B	11/18/1993		18.4500	
Chloride	MG/L	4915B	02/23/1994		35.8000	
Chloride	MG/L	4915B	05/10/1994		51.6750	
Chloride	MG/L	4915B	08/16/1994		41.5000	
Chloride	MG/L	4915B	11/07/1994		12.9000	
Chloride	MG/L	4915B	12/07/1994		12.5000	
Chloride	MG/L	4915B	02/01/1995		14.3000	
Chloride	MG/L	4915B	04/19/1995		10.7000	
Chloride	MG/L	4915B	05/08/1995		10.3000	
Chloride	MG/L	4915B	08/10/1995		9.2000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Chloride	MG/L	4915B	11/07/1995		17.1000
Chloride	MG/L	4915B	02/12/1996		9.2000
Chloride	MG/L	4915B	08/19/1996		12.4000
Chloride	MG/L	4915B	02/13/1997		12.5000
Chloride	MG/L	4915B	08/06/1997		11.8000
Chloride	MG/L	4915B	02/09/1998		14.6000
Chloride	MG/L	4915B	08/06/1998		7.6000
Chloride	MG/L	4915B	02/22/1999		7.5000
Chloride	MG/L	4915B	08/25/1999		11.7000
Chloride	MG/L	4915B	03/21/2000		14.7000
Chloride	MG/L	4915B	08/07/2000		12.2000
Chloride	MG/L	4915B	03/13/2001		14.8000
Chloride	MG/L	4915B	08/16/2001		16.2000
Chloride	MG/L	4915B	02/22/2002		12.1000
Chloride	MG/L	4915B	08/28/2002		26.0000
Chloride	MG/L	4915B	02/18/2003		70.0000
Chloride	MG/L	4915B	09/26/2003		16.0000
Chloride	MG/L	4915B	02/27/2004		13.0000
Chloride	MG/L	4915B	09/22/2004		16.0000
Chloride	MG/L	4915B	03/18/2005		11.0000
Chloride	MG/L	4915C	05/14/1991		17.7250
Chloride	MG/L	4915C	11/07/1991		23.7000
Chloride	MG/L	4915C	02/12/1992		22.7500
Chloride	MG/L	4915C	05/14/1992		20.1000
Chloride	MG/L	4915C	08/04/1992		19.5500
Chloride	MG/L	4915C	11/17/1992		16.8750
Chloride	MG/L	4915C	02/11/1993		18.0000
Chloride	MG/L	4915C	05/25/1993		15.9500
Chloride	MG/L	4915C	08/18/1993		16.0000
Chloride	MG/L	4915C	11/16/1993		17.2750
Chloride	MG/L	4915C	02/23/1994		16.5500
Chloride	MG/L	4915C	05/11/1994		15.7250
Chloride	MG/L	4915C	08/15/1994		15.5000
Chloride	MG/L	4915C	11/10/1994		16.0000
Chloride	MG/L	4915C	02/07/1995		16.2000
Chloride	MG/L	4915C	05/04/1995		16.4000
Chloride	MG/L	4915C	08/09/1995		15.6000
Chloride	MG/L	4915C	11/06/1995		18.6000
Chloride	MG/L	4915C	02/07/1996		18.0000
Chloride	MG/L	4915C	08/13/1996		16.9000
Chloride	MG/L	4915C	02/12/1997		19.0000
Chloride	MG/L	4915C	08/05/1997		18.0000
Chloride	MG/L	4915C	02/05/1998		21.4000
Chloride	MG/L	4915C	08/03/1998		12.8000
Chloride	MG/L	4915C	02/18/1999		16.5000
Chloride	MG/L	4915C	08/24/1999		18.6000
Chloride	MG/L	4915C	02/18/2000		17.5000
Chloride	MG/L	4915C	07/19/2000		16.6000
Chloride	MG/L	4915C	03/08/2001		14.1000
Chloride	MG/L	4915C	08/21/2001		19.0000
Chloride	MG/L	4915C	02/20/2002		26.7000
Chloride	MG/L	4915C	09/25/2003		24.0000
Chloride	MG/L	4915C	02/16/2004		30.0000
Chloride	MG/L	4915C	09/01/2004		50.0000
Chloride	MG/L	4915C	03/15/2005		23.0000
Fluoride	MG/L	4915A	02/11/1991		0.4900
Fluoride	MG/L	4915A	05/10/1991		0.4600
Fluoride	MG/L	4915A	08/12/1991		0.4300
Fluoride	MG/L	4915A	11/06/1991		0.4300
Fluoride	MG/L	4915A	02/11/1992		0.4200
Fluoride	MG/L	4915A	05/14/1992		0.1400
Fluoride	MG/L	4915A	08/10/1992		0.1900
Fluoride	MG/L	4915A	11/18/1992		0.1900
Fluoride	MG/L	4915A	02/09/1993		0.2100
Fluoride	MG/L	4915A	05/26/1993	ND	1.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Fluoride	MG/L	4915A	08/18/1993	ND	1.0000
Fluoride	MG/L	4915A	11/16/1993	ND	1.0000
Fluoride	MG/L	4915A	02/24/1994	ND	1.0000
Fluoride	MG/L	4915A	05/11/1994	ND	1.0000
Fluoride	MG/L	4915A	08/11/1994		0.2900
Fluoride	MG/L	4915A	11/11/1994		0.6400
Fluoride	MG/L	4915A	12/07/1994		0.5600
Fluoride	MG/L	4915A	02/03/1995		0.5400
Fluoride	MG/L	4915A	05/04/1995		0.5200
Fluoride	MG/L	4915A	08/08/1995		0.5500
Fluoride	MG/L	4915A	11/03/1995		0.5000
Fluoride	MG/L	4915A	02/06/1996		0.5100
Fluoride	MG/L	4915A	08/13/1996		0.6000
Fluoride	MG/L	4915A	02/12/1997		0.4900
Fluoride	MG/L	4915A	08/05/1997		0.6100
Fluoride	MG/L	4915A	02/04/1998		0.5100
Fluoride	MG/L	4915A	08/04/1998		0.6400
Fluoride	MG/L	4915A	02/18/1999	ND	1.0000
Fluoride	MG/L	4915A	08/24/1999	ND	1.0000
Fluoride	MG/L	4915A	02/18/2000	ND	1.0000
Fluoride	MG/L	4915A	07/26/2000	ND	1.0000
Fluoride	MG/L	4915A	03/08/2001	ND	1.0000
Fluoride	MG/L	4915A	08/21/2001	ND	1.0000
Fluoride	MG/L	4915A	02/21/2002	ND	1.0000
Fluoride	MG/L	4915A	08/06/2002	ND	1.0000
Fluoride	MG/L	4915A	02/10/2003	ND	1.0000
Fluoride	MG/L	4915A	09/25/2003	ND	1.0000
Fluoride	MG/L	4915A	02/16/2004	ND	1.0000
Fluoride	MG/L	4915A	09/01/2004	ND	1.0000
Fluoride	MG/L	4915A	03/15/2005	ND	1.0000
Fluoride	MG/L	4915B	02/11/1991		0.4200
Fluoride	MG/L	4915B	05/10/1991		0.4500
Fluoride	MG/L	4915B	08/12/1991		0.5200
Fluoride	MG/L	4915B	11/06/1991		0.5500
Fluoride	MG/L	4915B	02/11/1992		0.5200
Fluoride	MG/L	4915B	05/13/1992		0.4200
Fluoride	MG/L	4915B	08/10/1992		0.4600
Fluoride	MG/L	4915B	11/17/1992		0.5100
Fluoride	MG/L	4915B	02/09/1993		0.3800
Fluoride	MG/L	4915B	05/25/1993	ND	1.0000
Fluoride	MG/L	4915B	08/13/1993	ND	1.0000
Fluoride	MG/L	4915B	11/18/1993	ND	1.0000
Fluoride	MG/L	4915B	02/23/1994	ND	1.0000
Fluoride	MG/L	4915B	05/10/1994	ND	1.0000
Fluoride	MG/L	4915B	08/16/1994		0.4900
Fluoride	MG/L	4915B	11/07/1994		0.6800
Fluoride	MG/L	4915B	12/07/1994		0.6000
Fluoride	MG/L	4915B	02/01/1995		0.6700
Fluoride	MG/L	4915B	04/19/1995		0.8500
Fluoride	MG/L	4915B	05/08/1995		0.8200
Fluoride	MG/L	4915B	08/10/1995		0.7100
Fluoride	MG/L	4915B	11/07/1995		0.6000
Fluoride	MG/L	4915B	02/12/1996		0.6400
Fluoride	MG/L	4915B	08/19/1996		0.5700
Fluoride	MG/L	4915B	02/13/1997		0.5800
Fluoride	MG/L	4915B	08/06/1997		0.5600
Fluoride	MG/L	4915B	02/09/1998		0.5100
Fluoride	MG/L	4915B	08/06/1998		0.7000
Fluoride	MG/L	4915B	02/22/1999	ND	1.0000
Fluoride	MG/L	4915B	08/25/1999	ND	1.0000
Fluoride	MG/L	4915B	03/21/2000	ND	1.0000
Fluoride	MG/L	4915B	08/07/2000	ND	1.0000
Fluoride	MG/L	4915B	03/13/2001	ND	1.0000
Fluoride	MG/L	4915B	08/16/2001	ND	1.0000
Fluoride	MG/L	4915B	02/22/2002	ND	1.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Fluoride	MG/L	4915B	08/28/2002	ND	1.0000	
Fluoride	MG/L	4915B	02/18/2003	ND	1.0000	
Fluoride	MG/L	4915B	09/26/2003	ND	1.0000	
Fluoride	MG/L	4915B	02/27/2004	ND	1.0000	
Fluoride	MG/L	4915B	09/22/2004	ND	1.0000	
Fluoride	MG/L	4915B	03/18/2005	ND	1.0000	
Fluoride	MG/L	4915C	05/14/1991		0.4100	
Fluoride	MG/L	4915C	11/07/1991		0.4000	
Fluoride	MG/L	4915C	02/12/1992		0.4400	
Fluoride	MG/L	4915C	05/14/1992		0.4900	
Fluoride	MG/L	4915C	08/04/1992		0.4600	
Fluoride	MG/L	4915C	11/17/1992		0.4400	
Fluoride	MG/L	4915C	02/11/1993		0.4930	
Fluoride	MG/L	4915C	05/25/1993	ND	1.0000	
Fluoride	MG/L	4915C	08/18/1993	ND	1.0000	
Fluoride	MG/L	4915C	11/16/1993	ND	1.0000	
Fluoride	MG/L	4915C	02/23/1994	ND	1.0000	
Fluoride	MG/L	4915C	05/11/1994	ND	1.0000	
Fluoride	MG/L	4915C	08/15/1994		0.5500	
Fluoride	MG/L	4915C	11/10/1994		0.6000	
Fluoride	MG/L	4915C	02/07/1995		0.5400	
Fluoride	MG/L	4915C	05/04/1995		0.5900	
Fluoride	MG/L	4915C	08/09/1995		0.6000	
Fluoride	MG/L	4915C	11/06/1995		0.6300	
Fluoride	MG/L	4915C	02/07/1996		0.6600	
Fluoride	MG/L	4915C	08/13/1996		0.6600	
Fluoride	MG/L	4915C	02/12/1997		0.6300	
Fluoride	MG/L	4915C	08/05/1997		0.7000	
Fluoride	MG/L	4915C	02/05/1998		0.6600	
Fluoride	MG/L	4915C	08/03/1998		0.7300	
Fluoride	MG/L	4915C	02/18/1999	ND	1.0000	
Fluoride	MG/L	4915C	08/24/1999	ND	1.0000	
Fluoride	MG/L	4915C	02/18/2000	ND	1.0000	
Fluoride	MG/L	4915C	07/19/2000	ND	1.0000	
Fluoride	MG/L	4915C	03/08/2001	ND	1.0000	
Fluoride	MG/L	4915C	08/21/2001	ND	1.0000	
Fluoride	MG/L	4915C	02/20/2002	ND	1.0000	
Fluoride	MG/L	4915C	09/25/2003	ND	1.0000	
Fluoride	MG/L	4915C	02/16/2004	ND	1.0000	
Fluoride	MG/L	4915C	09/01/2004	ND	1.0000	
Fluoride	MG/L	4915C	03/15/2005	ND	1.0000	
Iron-dissolved	UG/L	4915A	09/10/1992	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/11/1994		4480.0000	
Iron-dissolved	UG/L	4915A	11/11/1994	ND	100.0000	
Iron-dissolved	UG/L	4915A	12/07/1994	ND	100.0000	
Iron-dissolved	UG/L	4915A	02/03/1995		484.0000	
Iron-dissolved	UG/L	4915A	05/04/1995	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/08/1995		9270.0000	*
Iron-dissolved	UG/L	4915A	11/03/1995		11000.0000	*
Iron-dissolved	UG/L	4915A	03/08/2001	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/21/2001	ND	100.0000	
Iron-dissolved	UG/L	4915A	02/21/2002	ND	100.0000	
Iron-dissolved	UG/L	4915A	08/06/2002	ND	100.0000	
Iron-dissolved	UG/L	4915A	02/10/2003	ND	100.0000	
Iron-dissolved	UG/L	4915A	09/25/2003		130.0000	
Iron-dissolved	UG/L	4915A	02/16/2004		120.0000	
Iron-dissolved	UG/L	4915A	09/01/2004		140.0000	
Iron-dissolved	UG/L	4915A	03/15/2005	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/16/1994		5401.5000	*
Iron-dissolved	UG/L	4915B	11/07/1994		935.0000	
Iron-dissolved	UG/L	4915B	12/07/1994	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/01/1995		118.0000	
Iron-dissolved	UG/L	4915B	04/19/1995	ND	100.0000	
Iron-dissolved	UG/L	4915B	05/08/1995	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/10/1995		443.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Iron-dissolved	UG/L	4915B	11/07/1995		171.0000	
Iron-dissolved	UG/L	4915B	03/13/2001	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/16/2001	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/22/2002	ND	100.0000	
Iron-dissolved	UG/L	4915B	08/28/2002	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/18/2003	ND	100.0000	
Iron-dissolved	UG/L	4915B	09/26/2003	ND	100.0000	
Iron-dissolved	UG/L	4915B	02/27/2004	ND	100.0000	
Iron-dissolved	UG/L	4915B	09/22/2004		260.0000	
Iron-dissolved	UG/L	4915B	03/18/2005		1100.0000	*
Iron-dissolved	UG/L	4915C	08/15/1994	ND	100.0000	
Iron-dissolved	UG/L	4915C	11/10/1994	ND	100.0000	
Iron-dissolved	UG/L	4915C	02/07/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	05/04/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	08/09/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	11/06/1995	ND	100.0000	
Iron-dissolved	UG/L	4915C	03/08/2001		165.0000	
Iron-dissolved	UG/L	4915C	08/21/2001	ND	100.0000	
Iron-dissolved	UG/L	4915C	02/20/2002	ND	100.0000	
Iron-dissolved	UG/L	4915C	09/25/2003	ND	100.0000	
Iron-dissolved	UG/L	4915C	02/16/2004	ND	100.0000	
Iron-dissolved	UG/L	4915C	09/01/2004	ND	100.0000	
Iron-dissolved	UG/L	4915C	03/15/2005	ND	100.0000	
Magnesium-dissolved	UG/L	4915A	09/10/1992		8220.0000	
Magnesium-dissolved	UG/L	4915A	08/11/1994		20250.0000	
Magnesium-dissolved	UG/L	4915A	11/11/1994		19700.0000	
Magnesium-dissolved	UG/L	4915A	12/07/1994		21300.0000	
Magnesium-dissolved	UG/L	4915A	02/03/1995		21400.0000	
Magnesium-dissolved	UG/L	4915A	05/04/1995		21500.0000	
Magnesium-dissolved	UG/L	4915A	08/08/1995		18000.0000	
Magnesium-dissolved	UG/L	4915A	11/03/1995		14800.0000	
Magnesium-dissolved	UG/L	4915A	08/13/1996		17000.0000	
Magnesium-dissolved	UG/L	4915A	02/12/1997		26400.0000	
Magnesium-dissolved	UG/L	4915A	08/05/1997		17300.0000	
Magnesium-dissolved	UG/L	4915A	02/04/1998		28900.0000	
Magnesium-dissolved	UG/L	4915A	08/04/1998		18700.0000	
Magnesium-dissolved	UG/L	4915A	02/18/1999		17200.0000	
Magnesium-dissolved	UG/L	4915A	08/24/1999		17100.0000	
Magnesium-dissolved	UG/L	4915A	02/18/2000		14400.0000	
Magnesium-dissolved	UG/L	4915A	07/26/2000		16500.0000	
Magnesium-dissolved	UG/L	4915A	03/08/2001		12900.0000	
Magnesium-dissolved	UG/L	4915A	08/21/2001		15300.0000	
Magnesium-dissolved	UG/L	4915A	02/21/2002		13700.0000	
Magnesium-dissolved	UG/L	4915A	08/06/2002		15000.0000	
Magnesium-dissolved	UG/L	4915A	02/10/2003		12000.0000	
Magnesium-dissolved	UG/L	4915A	09/25/2003		15000.0000	
Magnesium-dissolved	UG/L	4915A	02/16/2004		17000.0000	
Magnesium-dissolved	UG/L	4915A	09/01/2004		14000.0000	
Magnesium-dissolved	UG/L	4915A	03/15/2005		14000.0000	
Magnesium-dissolved	UG/L	4915B	08/16/1994		17650.0000	
Magnesium-dissolved	UG/L	4915B	11/07/1994		14300.0000	
Magnesium-dissolved	UG/L	4915B	12/07/1994		14400.0000	
Magnesium-dissolved	UG/L	4915B	02/01/1995		17900.0000	
Magnesium-dissolved	UG/L	4915B	04/19/1995	ND	5000.0000	
Magnesium-dissolved	UG/L	4915B	05/08/1995	ND	5000.0000	
Magnesium-dissolved	UG/L	4915B	08/10/1995		6660.0000	
Magnesium-dissolved	UG/L	4915B	11/07/1995		9160.0000	
Magnesium-dissolved	UG/L	4915B	08/19/1996		13300.0000	
Magnesium-dissolved	UG/L	4915B	02/13/1997		13600.0000	
Magnesium-dissolved	UG/L	4915B	08/06/1997		12400.0000	
Magnesium-dissolved	UG/L	4915B	02/09/1998		13600.0000	
Magnesium-dissolved	UG/L	4915B	08/06/1998		6970.0000	
Magnesium-dissolved	UG/L	4915B	02/22/1999		11400.0000	
Magnesium-dissolved	UG/L	4915B	08/25/1999		14700.0000	
Magnesium-dissolved	UG/L	4915B	03/21/2000		16100.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Magnesium-dissolved	UG/L	4915B	08/07/2000		16000.0000	
Magnesium-dissolved	UG/L	4915B	03/13/2001		14000.0000	
Magnesium-dissolved	UG/L	4915B	08/16/2001		11500.0000	
Magnesium-dissolved	UG/L	4915B	02/22/2002		12000.0000	
Magnesium-dissolved	UG/L	4915B	08/28/2002		20000.0000	
Magnesium-dissolved	UG/L	4915B	02/18/2003		25000.0000	
Magnesium-dissolved	UG/L	4915B	09/26/2003		13000.0000	
Magnesium-dissolved	UG/L	4915B	02/27/2004		12000.0000	
Magnesium-dissolved	UG/L	4915B	09/22/2004		16000.0000	
Magnesium-dissolved	UG/L	4915B	03/18/2005		11000.0000	
Magnesium-dissolved	UG/L	4915C	08/15/1994		21750.0000	
Magnesium-dissolved	UG/L	4915C	11/10/1994		20800.0000	
Magnesium-dissolved	UG/L	4915C	02/07/1995		22400.0000	
Magnesium-dissolved	UG/L	4915C	05/04/1995		21100.0000	
Magnesium-dissolved	UG/L	4915C	08/09/1995		17500.0000	
Magnesium-dissolved	UG/L	4915C	11/06/1995		14700.0000	
Magnesium-dissolved	UG/L	4915C	08/13/1996		17900.0000	
Magnesium-dissolved	UG/L	4915C	02/12/1997		19500.0000	
Magnesium-dissolved	UG/L	4915C	08/05/1997		16300.0000	
Magnesium-dissolved	UG/L	4915C	02/05/1998		13900.0000	
Magnesium-dissolved	UG/L	4915C	08/03/1998		16300.0000	
Magnesium-dissolved	UG/L	4915C	02/18/1999		16700.0000	
Magnesium-dissolved	UG/L	4915C	08/24/1999		16100.0000	
Magnesium-dissolved	UG/L	4915C	02/18/2000		13700.0000	
Magnesium-dissolved	UG/L	4915C	07/19/2000		14600.0000	
Magnesium-dissolved	UG/L	4915C	03/08/2001		11800.0000	
Magnesium-dissolved	UG/L	4915C	08/21/2001		14000.0000	
Magnesium-dissolved	UG/L	4915C	02/20/2002		12700.0000	
Magnesium-dissolved	UG/L	4915C	09/25/2003		14000.0000	
Magnesium-dissolved	UG/L	4915C	02/16/2004		17000.0000	
Magnesium-dissolved	UG/L	4915C	09/01/2004		13000.0000	
Magnesium-dissolved	UG/L	4915C	03/15/2005		16000.0000	
Nitrogen, nitrate	MG/L	4915A	09/10/1992	ND	0.0500	
Nitrogen, nitrate	MG/L	4915A	02/09/1993	ND	0.0500	
Nitrogen, nitrate	MG/L	4915A	11/16/1993		0.6800	
Nitrogen, nitrate	MG/L	4915A	12/07/1994		0.4500	
Nitrogen, nitrate	MG/L	4915A	02/03/1995		1.2900	
Nitrogen, nitrate	MG/L	4915A	05/04/1995		0.9600	
Nitrogen, nitrate	MG/L	4915A	08/08/1995		1.6000	
Nitrogen, nitrate	MG/L	4915A	11/03/1995		0.7200	
Nitrogen, nitrate	MG/L	4915A	02/06/1996	ND	0.0500	
Nitrogen, nitrate	MG/L	4915A	08/13/1996		0.2600	
Nitrogen, nitrate	MG/L	4915A	02/12/1997		5.6100	
Nitrogen, nitrate	MG/L	4915A	08/05/1997		0.5500	
Nitrogen, nitrate	MG/L	4915A	02/04/1998		11.5000	*
Nitrogen, nitrate	MG/L	4915A	08/04/1998		1.6900	
Nitrogen, nitrate	MG/L	4915A	08/06/2002	ND	0.5000	
Nitrogen, nitrate	MG/L	4915A	02/10/2003	ND	0.5000	
Nitrogen, nitrate	MG/L	4915A	09/25/2003		1.0000	
Nitrogen, nitrate	MG/L	4915A	02/16/2004		0.5300	
Nitrogen, nitrate	MG/L	4915A	09/01/2004		0.8000	
Nitrogen, nitrate	MG/L	4915A	03/15/2005		0.9600	
Nitrogen, nitrate	MG/L	4915B	02/09/1993		2.4700	
Nitrogen, nitrate	MG/L	4915B	11/18/1993		0.0660	
Nitrogen, nitrate	MG/L	4915B	12/07/1994		0.8900	
Nitrogen, nitrate	MG/L	4915B	02/01/1995		1.4400	
Nitrogen, nitrate	MG/L	4915B	04/19/1995		1.3000	
Nitrogen, nitrate	MG/L	4915B	05/08/1995		0.4300	
Nitrogen, nitrate	MG/L	4915B	08/10/1995		1.2600	
Nitrogen, nitrate	MG/L	4915B	11/07/1995		1.1600	
Nitrogen, nitrate	MG/L	4915B	02/12/1996		0.4900	
Nitrogen, nitrate	MG/L	4915B	08/19/1996		1.1100	
Nitrogen, nitrate	MG/L	4915B	02/13/1997		1.0400	
Nitrogen, nitrate	MG/L	4915B	08/06/1997		0.8500	
Nitrogen, nitrate	MG/L	4915B	02/09/1998		0.2600	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Nitrogen, nitrate	MG/L	4915B	08/06/1998		0.9000	
Nitrogen, nitrate	MG/L	4915B	08/28/2002		0.8700	
Nitrogen, nitrate	MG/L	4915B	02/18/2003		2.5000	
Nitrogen, nitrate	MG/L	4915B	09/26/2003		1.1000	
Nitrogen, nitrate	MG/L	4915B	02/27/2004		0.5000	
Nitrogen, nitrate	MG/L	4915B	09/22/2004		1.0000	
Nitrogen, nitrate	MG/L	4915B	03/18/2005		1.4000	
Nitrogen, nitrate	MG/L	4915C	02/11/1993		0.8200	
Nitrogen, nitrate	MG/L	4915C	11/16/1993		0.9700	
Nitrogen, nitrate	MG/L	4915C	02/07/1995		0.1500	
Nitrogen, nitrate	MG/L	4915C	05/04/1995		1.1300	
Nitrogen, nitrate	MG/L	4915C	08/09/1995		1.6800	
Nitrogen, nitrate	MG/L	4915C	11/06/1995		0.4200	
Nitrogen, nitrate	MG/L	4915C	02/07/1996		0.3400	
Nitrogen, nitrate	MG/L	4915C	08/13/1996		0.2400	
Nitrogen, nitrate	MG/L	4915C	02/12/1997		0.1300	
Nitrogen, nitrate	MG/L	4915C	08/05/1997		0.3400	
Nitrogen, nitrate	MG/L	4915C	02/05/1998		0.1600	
Nitrogen, nitrate	MG/L	4915C	08/03/1998		1.5700	
Nitrogen, nitrate	MG/L	4915C	09/25/2003	ND	0.5000	
Nitrogen, nitrate	MG/L	4915C	02/16/2004		0.8300	
Nitrogen, nitrate	MG/L	4915C	09/01/2004		0.5300	
Nitrogen, nitrate	MG/L	4915C	03/15/2005		1.0000	
Sodium-dissolved	MG/L	4915A	09/10/1992		26.9000	
Sodium-dissolved	MG/L	4915A	12/07/1994		32.0000	
Sodium-dissolved	MG/L	4915A	02/03/1995		30.7000	
Sodium-dissolved	MG/L	4915A	05/04/1995		33.9000	
Sodium-dissolved	MG/L	4915A	08/08/1995		30.7000	
Sodium-dissolved	MG/L	4915A	11/03/1995		29.2000	
Sodium-dissolved	MG/L	4915A	02/06/1996		29.9000	
Sodium-dissolved	MG/L	4915A	08/13/1996		30.2000	
Sodium-dissolved	MG/L	4915A	02/12/1997		30.2000	
Sodium-dissolved	MG/L	4915A	08/05/1997		28.6000	
Sodium-dissolved	MG/L	4915A	02/04/1998		37.5000	
Sodium-dissolved	MG/L	4915A	08/04/1998		26.9000	
Sodium-dissolved	MG/L	4915A	02/18/1999		30.8000	
Sodium-dissolved	MG/L	4915A	08/24/1999		27.0000	
Sodium-dissolved	MG/L	4915A	02/18/2000		24.0000	
Sodium-dissolved	MG/L	4915A	07/26/2000		26.8000	
Sodium-dissolved	MG/L	4915A	03/08/2001		24.9000	
Sodium-dissolved	MG/L	4915A	08/21/2001		28.1000	
Sodium-dissolved	MG/L	4915A	02/21/2002		27.5000	
Sodium-dissolved	MG/L	4915A	08/06/2002		32.0000	
Sodium-dissolved	MG/L	4915A	02/10/2003		27.0000	
Sodium-dissolved	MG/L	4915A	09/25/2003		28.0000	
Sodium-dissolved	MG/L	4915A	02/16/2004		30.0000	
Sodium-dissolved	MG/L	4915A	09/01/2004		29.0000	
Sodium-dissolved	MG/L	4915A	03/15/2005		29.0000	
Sodium-dissolved	MG/L	4915B	12/07/1994		29.4000	
Sodium-dissolved	MG/L	4915B	02/01/1995		34.7000	
Sodium-dissolved	MG/L	4915B	04/19/1995		61.5000	
Sodium-dissolved	MG/L	4915B	05/08/1995		61.9000	
Sodium-dissolved	MG/L	4915B	08/10/1995		43.7000	
Sodium-dissolved	MG/L	4915B	11/07/1995		44.6000	
Sodium-dissolved	MG/L	4915B	02/12/1996		28.7000	
Sodium-dissolved	MG/L	4915B	08/19/1996		24.5000	
Sodium-dissolved	MG/L	4915B	02/13/1997		26.8000	
Sodium-dissolved	MG/L	4915B	08/06/1997		22.6000	
Sodium-dissolved	MG/L	4915B	02/09/1998		23.4000	
Sodium-dissolved	MG/L	4915B	08/06/1998		33.1000	
Sodium-dissolved	MG/L	4915B	02/22/1999		27.7000	
Sodium-dissolved	MG/L	4915B	08/25/1999		23.8000	
Sodium-dissolved	MG/L	4915B	03/21/2000		26.8000	
Sodium-dissolved	MG/L	4915B	08/07/2000		27.9000	
Sodium-dissolved	MG/L	4915B	03/13/2001		24.7000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Sodium-dissolved	MG/L	4915B	08/16/2001		28.4000	
Sodium-dissolved	MG/L	4915B	02/22/2002		23.4000	
Sodium-dissolved	MG/L	4915B	08/28/2002		31.0000	
Sodium-dissolved	MG/L	4915B	02/18/2003		34.0000	
Sodium-dissolved	MG/L	4915B	09/26/2003		24.0000	
Sodium-dissolved	MG/L	4915B	02/27/2004		24.0000	
Sodium-dissolved	MG/L	4915B	09/22/2004		29.0000	
Sodium-dissolved	MG/L	4915B	03/18/2005		33.0000	
Sodium-dissolved	MG/L	4915C	02/07/1995		32.7000	
Sodium-dissolved	MG/L	4915C	05/04/1995		33.2000	
Sodium-dissolved	MG/L	4915C	08/09/1995		29.7000	
Sodium-dissolved	MG/L	4915C	11/06/1995		28.3000	
Sodium-dissolved	MG/L	4915C	02/07/1996		24.3000	
Sodium-dissolved	MG/L	4915C	08/13/1996		31.9000	
Sodium-dissolved	MG/L	4915C	02/12/1997		27.2000	
Sodium-dissolved	MG/L	4915C	08/05/1997		28.0000	
Sodium-dissolved	MG/L	4915C	02/05/1998		29.0000	
Sodium-dissolved	MG/L	4915C	08/03/1998		24.3000	
Sodium-dissolved	MG/L	4915C	02/18/1999		30.6000	
Sodium-dissolved	MG/L	4915C	08/24/1999		25.6000	
Sodium-dissolved	MG/L	4915C	02/18/2000		25.7000	
Sodium-dissolved	MG/L	4915C	07/19/2000		27.6000	
Sodium-dissolved	MG/L	4915C	03/08/2001		25.2000	
Sodium-dissolved	MG/L	4915C	08/21/2001		28.9000	
Sodium-dissolved	MG/L	4915C	02/20/2002		28.2000	
Sodium-dissolved	MG/L	4915C	09/25/2003		28.0000	
Sodium-dissolved	MG/L	4915C	02/16/2004		32.0000	
Sodium-dissolved	MG/L	4915C	09/01/2004		30.0000	
Sodium-dissolved	MG/L	4915C	03/15/2005		34.0000	
Specific conductance	UMHOS/CM	4915A	02/11/1991		408.0000	
Specific conductance	UMHOS/CM	4915A	02/11/1992		563.0000	
Specific conductance	UMHOS/CM	4915A	05/14/1992		187.0000	
Specific conductance	UMHOS/CM	4915A	08/10/1992		306.0000	
Specific conductance	UMHOS/CM	4915A	09/10/1992		253.0000	
Specific conductance	UMHOS/CM	4915A	02/09/1993		263.0000	
Specific conductance	UMHOS/CM	4915A	05/26/1993		540.0000	
Specific conductance	UMHOS/CM	4915A	08/18/1993		369.0000	
Specific conductance	UMHOS/CM	4915A	02/24/1994		565.0000	
Specific conductance	UMHOS/CM	4915A	05/11/1994		635.0000	
Specific conductance	UMHOS/CM	4915A	08/11/1994		634.0000	
Specific conductance	UMHOS/CM	4915A	11/11/1994		647.0000	
Specific conductance	UMHOS/CM	4915A	02/03/1995		636.0000	
Specific conductance	UMHOS/CM	4915A	05/04/1995		655.0000	
Specific conductance	UMHOS/CM	4915A	08/08/1995		572.0000	
Specific conductance	UMHOS/CM	4915A	11/03/1995		530.0000	
Specific conductance	UMHOS/CM	4915A	03/08/2001		400.0000	
Specific conductance	UMHOS/CM	4915A	08/06/2002		460.0000	
Specific conductance	UMHOS/CM	4915A	02/10/2003		380.0000	
Specific conductance	UMHOS/CM	4915A	09/25/2003		500.0000	
Specific conductance	UMHOS/CM	4915A	02/16/2004		500.0000	
Specific conductance	UMHOS/CM	4915A	09/01/2004		580.0000	
Specific conductance	UMHOS/CM	4915A	03/15/2005		500.0000	
Specific conductance	UMHOS/CM	4915B	02/11/1991		846.0000	
Specific conductance	UMHOS/CM	4915B	02/11/1992		579.0000	
Specific conductance	UMHOS/CM	4915B	05/13/1992		786.0000	
Specific conductance	UMHOS/CM	4915B	08/10/1992		579.0000	
Specific conductance	UMHOS/CM	4915B	02/09/1993		820.0000	
Specific conductance	UMHOS/CM	4915B	05/25/1993		462.0000	
Specific conductance	UMHOS/CM	4915B	08/13/1993		404.0000	
Specific conductance	UMHOS/CM	4915B	02/23/1994		582.0000	
Specific conductance	UMHOS/CM	4915B	05/10/1994		756.0000	
Specific conductance	UMHOS/CM	4915B	08/16/1994		663.0000	
Specific conductance	UMHOS/CM	4915B	11/07/1994		470.0000	
Specific conductance	UMHOS/CM	4915B	02/01/1995		590.0000	
Specific conductance	UMHOS/CM	4915B	05/08/1995		399.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Specific conductance	UMHOS/CM	4915B	08/10/1995		400.0000	
Specific conductance	UMHOS/CM	4915B	11/07/1995		454.0000	
Specific conductance	UMHOS/CM	4915B	03/13/2001		468.0000	
Specific conductance	UMHOS/CM	4915B	08/28/2002		580.0000	
Specific conductance	UMHOS/CM	4915B	02/18/2003		690.0000	
Specific conductance	UMHOS/CM	4915B	09/26/2003		420.0000	
Specific conductance	UMHOS/CM	4915B	02/27/2004		440.0000	
Specific conductance	UMHOS/CM	4915B	09/22/2004		470.0000	
Specific conductance	UMHOS/CM	4915B	03/18/2005		420.0000	
Specific conductance	UMHOS/CM	4915C	02/12/1992		511.0000	
Specific conductance	UMHOS/CM	4915C	05/14/1992		514.0000	
Specific conductance	UMHOS/CM	4915C	08/04/1992		536.0000	
Specific conductance	UMHOS/CM	4915C	02/11/1993		529.0000	
Specific conductance	UMHOS/CM	4915C	05/25/1993		567.0000	
Specific conductance	UMHOS/CM	4915C	08/18/1993		523.0000	
Specific conductance	UMHOS/CM	4915C	02/23/1994		605.0000	
Specific conductance	UMHOS/CM	4915C	05/11/1994		636.0000	
Specific conductance	UMHOS/CM	4915C	08/15/1994		680.0000	
Specific conductance	UMHOS/CM	4915C	11/10/1994		660.0000	
Specific conductance	UMHOS/CM	4915C	02/07/1995		635.0000	
Specific conductance	UMHOS/CM	4915C	05/04/1995		665.0000	
Specific conductance	UMHOS/CM	4915C	08/09/1995		532.0000	
Specific conductance	UMHOS/CM	4915C	11/06/1995		515.0000	
Specific conductance	UMHOS/CM	4915C	03/08/2001		410.0000	
Specific conductance	UMHOS/CM	4915C	09/25/2003		420.0000	
Specific conductance	UMHOS/CM	4915C	02/16/2004		560.0000	
Specific conductance	UMHOS/CM	4915C	09/01/2004		570.0000	
Specific conductance	UMHOS/CM	4915C	03/15/2005		560.0000	
Sulfate	MG/L	4915A	02/11/1991		41.3000	
Sulfate	MG/L	4915A	05/10/1991		53.4250	
Sulfate	MG/L	4915A	08/12/1991		74.6500	
Sulfate	MG/L	4915A	11/06/1991		63.9500	
Sulfate	MG/L	4915A	02/11/1992		65.6500	
Sulfate	MG/L	4915A	05/14/1992		29.2250	
Sulfate	MG/L	4915A	08/10/1992		34.2750	
Sulfate	MG/L	4915A	09/10/1992		43.6000	
Sulfate	MG/L	4915A	11/18/1992		40.8000	
Sulfate	MG/L	4915A	02/09/1993		36.0000	
Sulfate	MG/L	4915A	05/26/1993		58.0750	
Sulfate	MG/L	4915A	08/18/1993		48.1750	
Sulfate	MG/L	4915A	11/16/1993		49.6500	
Sulfate	MG/L	4915A	02/24/1994		64.2000	
Sulfate	MG/L	4915A	05/11/1994		60.7500	
Sulfate	MG/L	4915A	08/11/1994		61.2000	
Sulfate	MG/L	4915A	11/11/1994		59.1000	
Sulfate	MG/L	4915A	12/07/1994		66.3000	
Sulfate	MG/L	4915A	02/03/1995		65.0000	
Sulfate	MG/L	4915A	05/04/1995		60.1000	
Sulfate	MG/L	4915A	08/08/1995		54.4000	
Sulfate	MG/L	4915A	11/03/1995		51.7000	
Sulfate	MG/L	4915A	02/06/1996		56.7000	
Sulfate	MG/L	4915A	08/13/1996		76.3000	
Sulfate	MG/L	4915A	02/12/1997		69.6000	
Sulfate	MG/L	4915A	08/05/1997		61.5000	
Sulfate	MG/L	4915A	02/04/1998		184.0000	
Sulfate	MG/L	4915A	08/04/1998		53.4000	
Sulfate	MG/L	4915A	02/18/1999		59.4000	
Sulfate	MG/L	4915A	08/24/1999		61.4000	
Sulfate	MG/L	4915A	02/18/2000		60.6000	
Sulfate	MG/L	4915A	07/26/2000		60.5000	
Sulfate	MG/L	4915A	03/08/2001		51.6000	
Sulfate	MG/L	4915A	08/21/2001		51.7000	
Sulfate	MG/L	4915A	02/21/2002		49.0000	
Sulfate	MG/L	4915A	08/06/2002		51.0000	
Sulfate	MG/L	4915A	02/10/2003		49.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Sulfate	MG/L	4915A	09/25/2003		54.0000	
Sulfate	MG/L	4915A	02/16/2004		48.0000	
Sulfate	MG/L	4915A	09/01/2004		48.0000	
Sulfate	MG/L	4915A	03/15/2005		47.0000	
Sulfate	MG/L	4915B	02/11/1991		135.5000	
Sulfate	MG/L	4915B	05/10/1991		202.7500	
Sulfate	MG/L	4915B	08/12/1991		75.3500	
Sulfate	MG/L	4915B	11/06/1991		50.7750	
Sulfate	MG/L	4915B	02/11/1992		76.6250	
Sulfate	MG/L	4915B	05/13/1992		157.7500	
Sulfate	MG/L	4915B	08/10/1992		101.0500	
Sulfate	MG/L	4915B	11/17/1992		38.4250	
Sulfate	MG/L	4915B	02/09/1993		151.7500	
Sulfate	MG/L	4915B	05/25/1993		63.1250	
Sulfate	MG/L	4915B	08/13/1993		48.1250	
Sulfate	MG/L	4915B	11/18/1993		54.7250	
Sulfate	MG/L	4915B	02/23/1994		89.2500	
Sulfate	MG/L	4915B	05/10/1994		113.7500	
Sulfate	MG/L	4915B	08/16/1994		123.0000	
Sulfate	MG/L	4915B	11/07/1994		51.9000	
Sulfate	MG/L	4915B	12/07/1994		49.4000	
Sulfate	MG/L	4915B	02/01/1995		62.8000	
Sulfate	MG/L	4915B	04/19/1995		49.2000	
Sulfate	MG/L	4915B	05/08/1995		45.6000	
Sulfate	MG/L	4915B	08/10/1995		45.3000	
Sulfate	MG/L	4915B	11/07/1995		57.4000	
Sulfate	MG/L	4915B	02/12/1996		36.3000	
Sulfate	MG/L	4915B	08/19/1996		46.8000	
Sulfate	MG/L	4915B	02/13/1997		44.2000	
Sulfate	MG/L	4915B	08/06/1997		43.7000	
Sulfate	MG/L	4915B	02/09/1998		42.9000	
Sulfate	MG/L	4915B	08/06/1998		31.5000	
Sulfate	MG/L	4915B	02/22/1999		31.0000	
Sulfate	MG/L	4915B	08/25/1999		45.2000	
Sulfate	MG/L	4915B	03/21/2000	ND	250.0000	
Sulfate	MG/L	4915B	08/07/2000		49.2000	
Sulfate	MG/L	4915B	03/13/2001		48.2000	
Sulfate	MG/L	4915B	08/16/2001		44.0000	
Sulfate	MG/L	4915B	02/22/2002		38.3000	
Sulfate	MG/L	4915B	08/28/2002		54.0000	
Sulfate	MG/L	4915B	02/18/2003		90.0000	
Sulfate	MG/L	4915B	09/26/2003		50.0000	
Sulfate	MG/L	4915B	02/27/2004		41.0000	
Sulfate	MG/L	4915B	09/22/2004		42.0000	
Sulfate	MG/L	4915B	03/18/2005		36.0000	
Sulfate	MG/L	4915C	05/14/1991		48.9250	
Sulfate	MG/L	4915C	11/07/1991		63.7000	
Sulfate	MG/L	4915C	02/12/1992		66.5500	
Sulfate	MG/L	4915C	05/14/1992		55.8750	
Sulfate	MG/L	4915C	08/04/1992		54.1000	
Sulfate	MG/L	4915C	11/17/1992		56.1500	
Sulfate	MG/L	4915C	02/11/1993		58.2750	
Sulfate	MG/L	4915C	05/25/1993		54.6000	
Sulfate	MG/L	4915C	08/18/1993		55.4500	
Sulfate	MG/L	4915C	11/16/1993		58.6750	
Sulfate	MG/L	4915C	02/23/1994		59.6750	
Sulfate	MG/L	4915C	05/11/1994		62.3500	
Sulfate	MG/L	4915C	08/15/1994		65.4000	
Sulfate	MG/L	4915C	11/10/1994		68.9000	
Sulfate	MG/L	4915C	02/07/1995		72.3000	
Sulfate	MG/L	4915C	05/04/1995		62.7000	
Sulfate	MG/L	4915C	08/09/1995		54.6000	
Sulfate	MG/L	4915C	11/06/1995		61.3000	
Sulfate	MG/L	4915C	02/07/1996		58.3000	
Sulfate	MG/L	4915C	08/13/1996		78.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Sulfate	MG/L	4915C	02/12/1997		55.8000	
Sulfate	MG/L	4915C	08/05/1997		57.3000	
Sulfate	MG/L	4915C	02/05/1998		60.8000	
Sulfate	MG/L	4915C	08/03/1998		50.4000	
Sulfate	MG/L	4915C	02/18/1999		59.3000	
Sulfate	MG/L	4915C	08/24/1999		66.1000	
Sulfate	MG/L	4915C	02/18/2000		56.7000	
Sulfate	MG/L	4915C	07/19/2000		54.7000	
Sulfate	MG/L	4915C	03/08/2001		51.1000	
Sulfate	MG/L	4915C	08/21/2001		48.2000	
Sulfate	MG/L	4915C	02/20/2002		52.1000	
Sulfate	MG/L	4915C	09/25/2003		53.0000	
Sulfate	MG/L	4915C	02/16/2004		50.0000	
Sulfate	MG/L	4915C	09/01/2004		54.0000	
Sulfate	MG/L	4915C	03/15/2005		45.0000	
Total dissolved solids	MG/L	4915A	02/11/1991		226.0000	
Total dissolved solids	MG/L	4915A	05/10/1991		234.2500	
Total dissolved solids	MG/L	4915A	08/12/1991		221.5000	
Total dissolved solids	MG/L	4915A	11/06/1991		217.0000	
Total dissolved solids	MG/L	4915A	02/11/1992		323.0000	
Total dissolved solids	MG/L	4915A	05/14/1992		107.0000	
Total dissolved solids	MG/L	4915A	08/10/1992		125.0000	
Total dissolved solids	MG/L	4915A	09/10/1992		163.0000	
Total dissolved solids	MG/L	4915A	11/18/1992		146.0000	
Total dissolved solids	MG/L	4915A	02/09/1993		141.0000	
Total dissolved solids	MG/L	4915A	05/26/1993		351.0000	
Total dissolved solids	MG/L	4915A	08/18/1993		215.0000	
Total dissolved solids	MG/L	4915A	11/16/1993		310.0000	
Total dissolved solids	MG/L	4915A	02/24/1994		375.0000	
Total dissolved solids	MG/L	4915A	05/11/1994		345.0000	
Total dissolved solids	MG/L	4915A	08/11/1994		358.0000	
Total dissolved solids	MG/L	4915A	11/11/1994		368.0000	
Total dissolved solids	MG/L	4915A	02/03/1995		375.0000	
Total dissolved solids	MG/L	4915A	05/04/1995		373.0000	
Total dissolved solids	MG/L	4915A	08/08/1995		350.0000	
Total dissolved solids	MG/L	4915A	11/03/1995		290.0000	
Total dissolved solids	MG/L	4915A	02/06/1996		255.0000	
Total dissolved solids	MG/L	4915A	08/13/1996		310.0000	
Total dissolved solids	MG/L	4915A	02/12/1997		413.0000	
Total dissolved solids	MG/L	4915A	08/05/1997		318.0000	
Total dissolved solids	MG/L	4915A	02/04/1998		605.0000	
Total dissolved solids	MG/L	4915A	08/04/1998		336.0000	
Total dissolved solids	MG/L	4915A	02/18/1999		334.0000	
Total dissolved solids	MG/L	4915A	08/24/1999		339.0000	
Total dissolved solids	MG/L	4915A	02/18/2000		306.0000	
Total dissolved solids	MG/L	4915A	07/26/2000		361.0000	
Total dissolved solids	MG/L	4915A	03/08/2001		292.0000	
Total dissolved solids	MG/L	4915A	08/21/2001		316.0000	
Total dissolved solids	MG/L	4915A	02/21/2002		301.0000	
Total dissolved solids	MG/L	4915A	08/06/2002		300.0000	
Total dissolved solids	MG/L	4915A	02/10/2003		250.0000	
Total dissolved solids	MG/L	4915A	09/25/2003		320.0000	
Total dissolved solids	MG/L	4915A	02/16/2004		340.0000	
Total dissolved solids	MG/L	4915A	09/01/2004		320.0000	
Total dissolved solids	MG/L	4915A	03/15/2005		300.0000	
Total dissolved solids	MG/L	4915B	02/11/1991		526.2500	
Total dissolved solids	MG/L	4915B	05/10/1991		620.0000	
Total dissolved solids	MG/L	4915B	08/12/1991		317.0000	
Total dissolved solids	MG/L	4915B	11/06/1991		254.0000	
Total dissolved solids	MG/L	4915B	02/11/1992		332.0000	
Total dissolved solids	MG/L	4915B	05/13/1992		481.0000	
Total dissolved solids	MG/L	4915B	08/10/1992		379.0000	
Total dissolved solids	MG/L	4915B	11/17/1992		261.0000	
Total dissolved solids	MG/L	4915B	02/09/1993		537.0000	
Total dissolved solids	MG/L	4915B	05/25/1993		277.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Total dissolved solids	MG/L	4915B	08/13/1993		249.0000	
Total dissolved solids	MG/L	4915B	11/18/1993		225.0000	
Total dissolved solids	MG/L	4915B	02/23/1994		338.0000	
Total dissolved solids	MG/L	4915B	05/10/1994		536.0000	
Total dissolved solids	MG/L	4915B	08/16/1994		408.0000	
Total dissolved solids	MG/L	4915B	11/07/1994		266.0000	
Total dissolved solids	MG/L	4915B	02/01/1995		325.0000	
Total dissolved solids	MG/L	4915B	04/19/1995		283.0000	
Total dissolved solids	MG/L	4915B	05/08/1995		245.0000	
Total dissolved solids	MG/L	4915B	08/10/1995		266.0000	
Total dissolved solids	MG/L	4915B	11/07/1995		268.0000	
Total dissolved solids	MG/L	4915B	02/12/1996		237.0000	
Total dissolved solids	MG/L	4915B	08/19/1996		274.0000	
Total dissolved solids	MG/L	4915B	02/13/1997		277.0000	
Total dissolved solids	MG/L	4915B	08/06/1997		262.0000	
Total dissolved solids	MG/L	4915B	02/09/1998		276.0000	
Total dissolved solids	MG/L	4915B	08/06/1998		241.0000	
Total dissolved solids	MG/L	4915B	02/22/1999		272.0000	
Total dissolved solids	MG/L	4915B	08/25/1999		303.0000	
Total dissolved solids	MG/L	4915B	03/21/2000		333.0000	
Total dissolved solids	MG/L	4915B	08/07/2000		322.0000	
Total dissolved solids	MG/L	4915B	03/13/2001		300.0000	
Total dissolved solids	MG/L	4915B	08/16/2001		468.0000	
Total dissolved solids	MG/L	4915B	02/22/2002		275.0000	
Total dissolved solids	MG/L	4915B	08/28/2002		370.0000	
Total dissolved solids	MG/L	4915B	02/18/2003		480.0000	
Total dissolved solids	MG/L	4915B	09/26/2003		290.0000	
Total dissolved solids	MG/L	4915B	02/27/2004		280.0000	
Total dissolved solids	MG/L	4915B	09/22/2004		280.0000	
Total dissolved solids	MG/L	4915B	03/18/2005		270.0000	
Total dissolved solids	MG/L	4915C	05/14/1991		370.2500	
Total dissolved solids	MG/L	4915C	11/07/1991		339.0000	
Total dissolved solids	MG/L	4915C	02/12/1992		335.0000	
Total dissolved solids	MG/L	4915C	05/14/1992		335.7500	
Total dissolved solids	MG/L	4915C	08/04/1992		358.0000	
Total dissolved solids	MG/L	4915C	11/17/1992		313.0000	
Total dissolved solids	MG/L	4915C	02/11/1993		335.0000	
Total dissolved solids	MG/L	4915C	05/25/1993		365.0000	
Total dissolved solids	MG/L	4915C	08/18/1993		314.0000	
Total dissolved solids	MG/L	4915C	11/16/1993		353.0000	
Total dissolved solids	MG/L	4915C	02/23/1994		206.0000	
Total dissolved solids	MG/L	4915C	05/11/1994		316.0000	
Total dissolved solids	MG/L	4915C	08/15/1994		391.0000	
Total dissolved solids	MG/L	4915C	11/10/1994		400.0000	
Total dissolved solids	MG/L	4915C	02/07/1995		363.0000	
Total dissolved solids	MG/L	4915C	05/04/1995		377.0000	
Total dissolved solids	MG/L	4915C	08/09/1995		336.0000	
Total dissolved solids	MG/L	4915C	11/06/1995		312.0000	
Total dissolved solids	MG/L	4915C	02/07/1996		334.0000	
Total dissolved solids	MG/L	4915C	08/13/1996		359.0000	
Total dissolved solids	MG/L	4915C	02/12/1997		337.0000	
Total dissolved solids	MG/L	4915C	08/05/1997		328.0000	
Total dissolved solids	MG/L	4915C	02/05/1998		424.0000	
Total dissolved solids	MG/L	4915C	08/03/1998		316.0000	
Total dissolved solids	MG/L	4915C	02/18/1999		326.0000	
Total dissolved solids	MG/L	4915C	08/24/1999		312.0000	
Total dissolved solids	MG/L	4915C	02/18/2000		304.0000	
Total dissolved solids	MG/L	4915C	07/19/2000		315.0000	
Total dissolved solids	MG/L	4915C	03/08/2001		282.0000	
Total dissolved solids	MG/L	4915C	08/21/2001		301.0000	
Total dissolved solids	MG/L	4915C	02/20/2002		300.0000	
Total dissolved solids	MG/L	4915C	09/25/2003		310.0000	
Total dissolved solids	MG/L	4915C	02/16/2004		320.0000	
Total dissolved solids	MG/L	4915C	09/01/2004		320.0000	
Total dissolved solids	MG/L	4915C	03/15/2005		320.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result
Total organic carbon	MG/L	4915A	02/11/1991		9.4500
Total organic carbon	MG/L	4915A	05/10/1991		9.2500
Total organic carbon	MG/L	4915A	08/12/1991		30.7000
Total organic carbon	MG/L	4915A	11/06/1991		46.1500
Total organic carbon	MG/L	4915A	02/11/1992		23.9500
Total organic carbon	MG/L	4915A	05/14/1992		23.8000
Total organic carbon	MG/L	4915A	08/10/1992		2.5000
Total organic carbon	MG/L	4915A	09/10/1992		1.6500
Total organic carbon	MG/L	4915A	11/18/1992		1.1500
Total organic carbon	MG/L	4915A	02/09/1993	ND	1.0000
Total organic carbon	MG/L	4915A	05/26/1993	ND	1.0000
Total organic carbon	MG/L	4915A	08/18/1993	ND	1.0000
Total organic carbon	MG/L	4915A	11/16/1993	ND	1.0000
Total organic carbon	MG/L	4915A	02/24/1994	ND	1.0000
Total organic carbon	MG/L	4915A	05/11/1994	ND	1.0000
Total organic carbon	MG/L	4915A	08/11/1994	ND	1.0000
Total organic carbon	MG/L	4915A	11/11/1994	ND	1.0000
Total organic carbon	MG/L	4915A	12/07/1994		1.0000
Total organic carbon	MG/L	4915A	02/03/1995		1.1000
Total organic carbon	MG/L	4915A	05/04/1995	ND	1.0000
Total organic carbon	MG/L	4915A	08/08/1995	ND	1.0000
Total organic carbon	MG/L	4915A	11/03/1995		3.9500
Total organic carbon	MG/L	4915A	02/06/1996	ND	1.0000
Total organic carbon	MG/L	4915A	08/13/1996	ND	1.0000
Total organic carbon	MG/L	4915A	02/12/1997	ND	1.0000
Total organic carbon	MG/L	4915A	08/05/1997	ND	1.0000
Total organic carbon	MG/L	4915A	02/04/1998		5.4500
Total organic carbon	MG/L	4915A	08/04/1998	ND	1.0000
Total organic carbon	MG/L	4915A	02/18/1999	ND	1.0000
Total organic carbon	MG/L	4915A	08/24/1999		0.9900
Total organic carbon	MG/L	4915A	02/18/2000	ND	1.0000
Total organic carbon	MG/L	4915A	07/26/2000	ND	1.0000
Total organic carbon	MG/L	4915A	08/21/2001	ND	1.0000
Total organic carbon	MG/L	4915A	02/21/2002	ND	1.0000
Total organic carbon	MG/L	4915A	08/06/2002	ND	1.0000
Total organic carbon	MG/L	4915A	02/10/2003	ND	1.0000
Total organic carbon	MG/L	4915A	09/25/2003	ND	1.0000
Total organic carbon	MG/L	4915A	02/16/2004	ND	1.0000
Total organic carbon	MG/L	4915A	09/01/2004	ND	1.0000
Total organic carbon	MG/L	4915A	03/15/2005		1.3500
Total organic carbon	MG/L	4915B	02/11/1991		11.7500
Total organic carbon	MG/L	4915B	05/10/1991		9.3500
Total organic carbon	MG/L	4915B	08/12/1991		6.4000
Total organic carbon	MG/L	4915B	11/06/1991		45.4500
Total organic carbon	MG/L	4915B	02/11/1992		14.8500
Total organic carbon	MG/L	4915B	05/13/1992		21.7000
Total organic carbon	MG/L	4915B	08/10/1992		1.8000
Total organic carbon	MG/L	4915B	11/17/1992	ND	1.0000
Total organic carbon	MG/L	4915B	02/09/1993	ND	1.0000
Total organic carbon	MG/L	4915B	05/25/1993		1.8500
Total organic carbon	MG/L	4915B	08/13/1993		1.0000
Total organic carbon	MG/L	4915B	11/18/1993	ND	1.0000
Total organic carbon	MG/L	4915B	02/23/1994	ND	1.0000
Total organic carbon	MG/L	4915B	05/10/1994	ND	1.0000
Total organic carbon	MG/L	4915B	08/16/1994		14.5500
Total organic carbon	MG/L	4915B	11/07/1994		7.9000
Total organic carbon	MG/L	4915B	12/07/1994		1.2500
Total organic carbon	MG/L	4915B	02/01/1995	ND	1.0000
Total organic carbon	MG/L	4915B	04/19/1995	ND	1.0000
Total organic carbon	MG/L	4915B	05/08/1995		1.0500
Total organic carbon	MG/L	4915B	08/10/1995		1.0500
Total organic carbon	MG/L	4915B	11/07/1995		1.3000
Total organic carbon	MG/L	4915B	02/12/1996	ND	1.0000
Total organic carbon	MG/L	4915B	08/19/1996		1.0000
Total organic carbon	MG/L	4915B	02/13/1997	ND	1.0000

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Total organic carbon	MG/L	4915B	09/17/1997		2.2500	
Total organic carbon	MG/L	4915B	02/09/1998	ND	1.0000	
Total organic carbon	MG/L	4915B	08/06/1998	ND	1.0000	
Total organic carbon	MG/L	4915B	02/22/1999	ND	1.0000	
Total organic carbon	MG/L	4915B	08/25/1999		0.9300	
Total organic carbon	MG/L	4915B	03/21/2000	ND	1.0000	
Total organic carbon	MG/L	4915B	08/07/2000		1.2500	
Total organic carbon	MG/L	4915B	03/13/2001	ND	1.0000	
Total organic carbon	MG/L	4915B	08/16/2001	ND	1.0000	
Total organic carbon	MG/L	4915B	02/22/2002		1.0500	
Total organic carbon	MG/L	4915B	08/28/2002	ND	1.0000	
Total organic carbon	MG/L	4915B	02/18/2003	ND	1.0000	
Total organic carbon	MG/L	4915B	09/26/2003	ND	1.0000	
Total organic carbon	MG/L	4915B	02/27/2004	ND	1.0000	
Total organic carbon	MG/L	4915B	09/22/2004		1.5500	
Total organic carbon	MG/L	4915B	03/18/2005		1.9000	
Total organic carbon	MG/L	4915C	05/14/1991		1.1500	
Total organic carbon	MG/L	4915C	11/07/1991	ND	1.0000	
Total organic carbon	MG/L	4915C	02/12/1992		2.6000	
Total organic carbon	MG/L	4915C	05/14/1992		1.9500	
Total organic carbon	MG/L	4915C	08/04/1992		2.1500	
Total organic carbon	MG/L	4915C	11/17/1992	ND	1.0000	
Total organic carbon	MG/L	4915C	02/11/1993	ND	1.0000	
Total organic carbon	MG/L	4915C	05/25/1993	ND	1.0000	
Total organic carbon	MG/L	4915C	08/18/1993	ND	1.0000	
Total organic carbon	MG/L	4915C	11/16/1993	ND	1.0000	
Total organic carbon	MG/L	4915C	02/23/1994	ND	1.0000	
Total organic carbon	MG/L	4915C	05/11/1994	ND	1.0000	
Total organic carbon	MG/L	4915C	08/15/1994	ND	1.0000	
Total organic carbon	MG/L	4915C	11/10/1994		2.6500	
Total organic carbon	MG/L	4915C	02/07/1995	ND	1.0000	
Total organic carbon	MG/L	4915C	05/04/1995	ND	1.0000	
Total organic carbon	MG/L	4915C	08/09/1995	ND	1.0000	
Total organic carbon	MG/L	4915C	11/06/1995		1.0500	
Total organic carbon	MG/L	4915C	02/07/1996		1.1000	
Total organic carbon	MG/L	4915C	08/13/1996	ND	1.0000	
Total organic carbon	MG/L	4915C	02/12/1997	ND	1.0000	
Total organic carbon	MG/L	4915C	08/05/1997	ND	1.0000	
Total organic carbon	MG/L	4915C	02/05/1998	ND	1.0000	
Total organic carbon	MG/L	4915C	08/03/1998	ND	1.0000	
Total organic carbon	MG/L	4915C	02/18/1999	ND	1.0000	
Total organic carbon	MG/L	4915C	08/24/1999		1.3500	
Total organic carbon	MG/L	4915C	02/18/2000	ND	1.0000	
Total organic carbon	MG/L	4915C	07/19/2000	ND	1.0000	
Total organic carbon	MG/L	4915C	03/08/2001	ND	1.0000	
Total organic carbon	MG/L	4915C	08/21/2001	ND	1.0000	
Total organic carbon	MG/L	4915C	02/20/2002	ND	1.0000	
Total organic carbon	MG/L	4915C	09/25/2003	ND	1.0000	
Total organic carbon	MG/L	4915C	02/16/2004	ND	1.0000	
Total organic carbon	MG/L	4915C	09/01/2004	ND	1.0000	
Total organic carbon	MG/L	4915C	03/15/2005		1.3000	
Total organic halogen	UG/L	4915A	02/11/1991		8.1000	
Total organic halogen	UG/L	4915A	05/10/1991	ND	5.0000	
Total organic halogen	UG/L	4915A	08/12/1991		5.2500	
Total organic halogen	UG/L	4915A	11/06/1991	ND	5.0000	
Total organic halogen	UG/L	4915A	02/11/1992	ND	5.0000	
Total organic halogen	UG/L	4915A	05/14/1992		5.4750	
Total organic halogen	UG/L	4915A	08/10/1992		5.0000	
Total organic halogen	UG/L	4915A	11/18/1992	ND	5.0000	
Total organic halogen	UG/L	4915A	02/09/1993	ND	5.0000	
Total organic halogen	UG/L	4915A	05/26/1993	ND	5.0000	
Total organic halogen	UG/L	4915A	08/18/1993	ND	5.0000	
Total organic halogen	UG/L	4915A	11/16/1993		9.0000	
Total organic halogen	UG/L	4915A	02/24/1994		7.0750	
Total organic halogen	UG/L	4915A	05/11/1994		5.4250	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Total organic halogen	UG/L	4915A	08/11/1994	ND	10.0000	
Total organic halogen	UG/L	4915A	11/11/1994		10.5000	
Total organic halogen	UG/L	4915A	12/07/1994	ND	10.0000	
Total organic halogen	UG/L	4915A	02/03/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	05/04/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	08/08/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	11/03/1995	ND	10.0000	
Total organic halogen	UG/L	4915A	02/06/1996	ND	10.0000	
Total organic halogen	UG/L	4915A	08/13/1996	ND	10.0000	
Total organic halogen	UG/L	4915A	02/12/1997	ND	10.0000	
Total organic halogen	UG/L	4915A	08/05/1997	ND	10.0000	
Total organic halogen	UG/L	4915A	02/04/1998		12.0000	
Total organic halogen	UG/L	4915A	08/04/1998	ND	10.0000	
Total organic halogen	UG/L	4915A	02/18/1999	ND	30.0000	
Total organic halogen	UG/L	4915A	08/24/1999	ND	30.0000	
Total organic halogen	UG/L	4915A	02/18/2000	ND	30.0000	
Total organic halogen	UG/L	4915A	07/26/2000	ND	30.0000	
Total organic halogen	UG/L	4915A	08/21/2001	ND	30.0000	
Total organic halogen	UG/L	4915A	02/21/2002	ND	30.0000	
Total organic halogen	UG/L	4915A	08/06/2002	ND	30.0000	
Total organic halogen	UG/L	4915A	02/10/2003	ND	30.0000	
Total organic halogen	UG/L	4915A	09/25/2003	ND	30.0000	
Total organic halogen	UG/L	4915A	02/16/2004	ND	30.0000	
Total organic halogen	UG/L	4915A	09/01/2004	ND	30.0000	
Total organic halogen	UG/L	4915A	03/15/2005	ND	30.0000	
Total organic halogen	UG/L	4915B	02/11/1991		16.8000	
Total organic halogen	UG/L	4915B	05/10/1991		20.7500	
Total organic halogen	UG/L	4915B	08/12/1991		5.0000	
Total organic halogen	UG/L	4915B	11/06/1991		5.0000	
Total organic halogen	UG/L	4915B	02/11/1992		11.2500	
Total organic halogen	UG/L	4915B	05/13/1992		29.6500	
Total organic halogen	UG/L	4915B	08/10/1992		12.2500	
Total organic halogen	UG/L	4915B	11/17/1992		6.5000	
Total organic halogen	UG/L	4915B	02/09/1993	ND	5.0000	
Total organic halogen	UG/L	4915B	05/25/1993		7.5000	
Total organic halogen	UG/L	4915B	08/13/1993		9.7500	
Total organic halogen	UG/L	4915B	11/18/1993		5.5000	
Total organic halogen	UG/L	4915B	02/23/1994		14.7500	
Total organic halogen	UG/L	4915B	05/10/1994		30.8000	
Total organic halogen	UG/L	4915B	08/16/1994	ND	10.0000	
Total organic halogen	UG/L	4915B	11/07/1994	ND	10.0000	
Total organic halogen	UG/L	4915B	12/07/1994	ND	10.0000	
Total organic halogen	UG/L	4915B	02/01/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	04/19/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	05/08/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	08/10/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	11/07/1995	ND	10.0000	
Total organic halogen	UG/L	4915B	02/12/1996	ND	10.0000	
Total organic halogen	UG/L	4915B	08/19/1996	ND	10.0000	
Total organic halogen	UG/L	4915B	02/13/1997	ND	10.0000	
Total organic halogen	UG/L	4915B	08/06/1997	ND	10.0000	
Total organic halogen	UG/L	4915B	02/09/1998	ND	10.0000	
Total organic halogen	UG/L	4915B	08/06/1998	ND	10.0000	
Total organic halogen	UG/L	4915B	02/22/1999	ND	30.0000	
Total organic halogen	UG/L	4915B	08/25/1999	ND	30.0000	
Total organic halogen	UG/L	4915B	03/21/2000	ND	30.0000	
Total organic halogen	UG/L	4915B	08/07/2000	ND	30.0000	
Total organic halogen	UG/L	4915B	03/13/2001	ND	30.0000	
Total organic halogen	UG/L	4915B	08/16/2001	ND	30.0000	
Total organic halogen	UG/L	4915B	02/22/2002	ND	30.0000	
Total organic halogen	UG/L	4915B	08/28/2002	ND	30.0000	
Total organic halogen	UG/L	4915B	02/18/2003	ND	30.0000	
Total organic halogen	UG/L	4915B	09/26/2003	ND	30.0000	
Total organic halogen	UG/L	4915B	02/27/2004	ND	30.0000	
Total organic halogen	UG/L	4915B	09/22/2004	ND	30.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	
Total organic halogen	UG/L	4915B	03/18/2005	ND	30.0000	
Total organic halogen	UG/L	4915C	05/14/1991		5.2500	
Total organic halogen	UG/L	4915C	11/14/1991	ND	5.0000	
Total organic halogen	UG/L	4915C	02/12/1992	ND	5.0000	
Total organic halogen	UG/L	4915C	05/14/1992		7.8500	
Total organic halogen	UG/L	4915C	08/04/1992	ND	5.0000	
Total organic halogen	UG/L	4915C	11/17/1992	ND	5.0000	
Total organic halogen	UG/L	4915C	02/11/1993	ND	5.0000	
Total organic halogen	UG/L	4915C	05/25/1993	ND	5.0000	
Total organic halogen	UG/L	4915C	08/18/1993	ND	5.0000	
Total organic halogen	UG/L	4915C	11/16/1993		11.0000	
Total organic halogen	UG/L	4915C	02/23/1994		5.2500	
Total organic halogen	UG/L	4915C	05/11/1994		6.5750	
Total organic halogen	UG/L	4915C	08/15/1994	ND	10.0000	
Total organic halogen	UG/L	4915C	11/10/1994	ND	10.0000	
Total organic halogen	UG/L	4915C	02/07/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	05/04/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	08/09/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	11/06/1995	ND	10.0000	
Total organic halogen	UG/L	4915C	02/07/1996	ND	10.0000	
Total organic halogen	UG/L	4915C	08/13/1996	ND	10.0000	
Total organic halogen	UG/L	4915C	02/12/1997	ND	10.0000	
Total organic halogen	UG/L	4915C	08/05/1997	ND	10.0000	
Total organic halogen	UG/L	4915C	02/05/1998	ND	10.0000	
Total organic halogen	UG/L	4915C	08/03/1998	ND	10.0000	
Total organic halogen	UG/L	4915C	02/18/1999		39.0000	
Total organic halogen	UG/L	4915C	08/24/1999	ND	30.0000	
Total organic halogen	UG/L	4915C	02/18/2000	ND	30.0000	
Total organic halogen	UG/L	4915C	07/19/2000	ND	30.0000	
Total organic halogen	UG/L	4915C	03/08/2001	ND	30.0000	
Total organic halogen	UG/L	4915C	08/21/2001	ND	30.0000	
Total organic halogen	UG/L	4915C	02/20/2002	ND	30.0000	
Total organic halogen	UG/L	4915C	09/25/2003	ND	30.0000	
Total organic halogen	UG/L	4915C	02/16/2004	ND	30.0000	
Total organic halogen	UG/L	4915C	09/01/2004	ND	30.0000	
Total organic halogen	UG/L	4915C	03/15/2005	ND	30.0000	

* - Outlier for that well and constituent.
ND = Not detected, result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Alkalinity, bicarbonate (as caco3)	MG/L	4915D	03/16/2005		170.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4915E	03/15/2005		200.0000		290.9071
Alkalinity, bicarbonate (as caco3)	MG/L	4915M	03/16/2005		170.0000		290.9071
Biochemical oxygen demand	MG/L	4915D	03/16/2005	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4915E	03/15/2005	ND	2.0000		2.0000
Biochemical oxygen demand	MG/L	4915M	03/16/2005	ND	2.0000		2.0000
Calcium-dissolved	UG/L	4915D	03/16/2005		49000.0000		95420.9778
Calcium-dissolved	UG/L	4915E	03/15/2005		59000.0000		95420.9778
Calcium-dissolved	UG/L	4915M	03/16/2005		51000.0000		95420.9778
Chemical oxygen demand	MG/L	4915D	03/16/2005		13.0000		95.0000
Chemical oxygen demand	MG/L	4915E	03/15/2005	ND	8.0000		95.0000
Chemical oxygen demand	MG/L	4915M	03/16/2005		9.4000		95.0000
Chloride	MG/L	4915D	03/16/2005		15.0000		106.0000
Chloride	MG/L	4915E	03/15/2005		20.0000		106.0000
Chloride	MG/L	4915M	03/16/2005		18.0000		106.0000
Fluoride	MG/L	4915D	03/16/2005	ND	1.0000		0.9626
Fluoride	MG/L	4915E	03/15/2005	ND	1.0000		0.9626
Fluoride	MG/L	4915M	03/16/2005	ND	1.0000		0.9626
Iron-dissolved	UG/L	4915D	03/16/2005	ND	100.0000		4480.0000
Iron-dissolved	UG/L	4915E	03/15/2005	ND	100.0000		4480.0000
Iron-dissolved	UG/L	4915M	03/16/2005	ND	100.0000		4480.0000
Magnesium-dissolved	UG/L	4915D	03/16/2005		13000.0000		26909.3080
Magnesium-dissolved	UG/L	4915E	03/15/2005		16000.0000		26909.3080
Magnesium-dissolved	UG/L	4915M	03/16/2005		14000.0000		26909.3080
Nitrogen, nitrate	MG/L	4915D	03/16/2005		1.1000		3.2914
Nitrogen, nitrate	MG/L	4915E	03/15/2005		1.2000		3.2914
Nitrogen, nitrate	MG/L	4915M	03/16/2005		0.9600		3.2914
Sodium-dissolved	MG/L	4915D	03/16/2005		25.0000		45.5633
Sodium-dissolved	MG/L	4915E	03/15/2005		31.0000		45.5633
Sodium-dissolved	MG/L	4915M	03/16/2005		31.0000		45.5633
Specific conductance	UMHOS/CM	4915D	03/16/2005		480.0000		846.0000
Specific conductance	UMHOS/CM	4915E	03/15/2005		540.0000		846.0000
Specific conductance	UMHOS/CM	4915M	03/16/2005		490.0000		846.0000
Sulfate	MG/L	4915D	03/16/2005		44.0000		250.0000
Sulfate	MG/L	4915E	03/15/2005		46.0000		250.0000
Sulfate	MG/L	4915M	03/16/2005		49.0000		250.0000
Total dissolved solids	MG/L	4915D	03/16/2005		280.0000		620.0000
Total dissolved solids	MG/L	4915E	03/15/2005		320.0000		620.0000
Total dissolved solids	MG/L	4915M	03/16/2005		290.0000		620.0000
Total organic carbon	MG/L	4915D	03/16/2005		1.6500		46.1500
Total organic carbon	MG/L	4915E	03/15/2005		1.4500		46.1500
Total organic carbon	MG/L	4915M	03/16/2005		1.3000		46.1500
Total organic halogen	UG/L	4915D	03/16/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4915E	03/15/2005	ND	30.0000		39.0000
Total organic halogen	UG/L	4915M	03/16/2005	ND	30.0000		39.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Alkalinity, bicarbonate (as caco3)	108	110	0.982	96	97	0.990
Biochemical oxygen demand	0	28	0.000	0	30	0.000
Calcium-dissolved	74	74	1.000	72	72	1.000
Chemical oxygen demand	27	113	0.239	11	96	0.115
Chloride	117	117	1.000	97	97	1.000
Fluoride	64	116	0.552	47	96	0.490
Iron-dissolved	11	43	0.256	5	47	0.106
Magnesium-dissolved	72	74	0.973	72	72	1.000
Nitrogen, nitrate	49	55	0.891	54	54	1.000
Sodium-dissolved	71	71	1.000	69	69	1.000
Specific conductance	64	64	1.000	58	58	1.000
Sulfate	116	117	0.991	97	97	1.000
Total dissolved solids	115	115	1.000	96	96	1.000
Total organic carbon	46	116	0.397	22	97	0.227
Total organic halogen	28	115	0.243	15	96	0.156

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro Wilk Test of Normality for Multiple Groups

Constituent	N (Detects)	Detect Freq	G raw	G log	Critical Value	Limit Type
Alkalinity, bicarbonate (as caco3)	108	0.982	1.989	2.382	2.326	normal
Biochemical oxygen demand	0	0.000				nonpar
Calcium-dissolved	74	1.000	1.849	4.517	2.326	normal
Chemical oxygen demand	27	0.239	5.330	3.409	2.326	nonpar
Chloride	117	1.000	9.551	6.668	2.326	nonpar
Fluoride	64	0.552	1.641	1.551	2.326	normal
Iron-dissolved	11	0.256	2.924	0.305	2.326	nonpar
Magnesium-dissolved	72	0.973	1.327	0.374	2.326	normal
Nitrogen, nitrate	49	0.891	4.420	1.948	2.326	lognor
Sodium-dissolved	71	1.000	2.868	1.615	2.326	lognor
Specific conductance	64	1.000	2.351	3.047	2.326	nonpar
Sulfate	116	0.991	7.108	3.033	2.326	nonpar
Total dissolved solids	115	1.000	5.039	5.710	2.326	nonpar
Total organic carbon	46	0.397	5.759	3.641	2.326	nonpar
Total organic halogen	28	0.243	3.646	1.663	2.326	nonpar

Fit to distribution is confirmed if G < critical value.
If detection frequency is < 50% nonparametric or Poisson limit is used

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Model Type	N	Detect	Mean	SD	Pred Limit	Conf*
Alkalinity, bicarbonate (as caco3)	MG/L	normal	110	108	168.2545	51.7140	290.9071	
Biochemical oxygen demand	MG/L	nonpar	28	0			2.0000	0.98
Calcium-dissolved	UG/L	normal	74	74	56655.2703	16189.3336	95420.9778	
Chemical oxygen demand	MG/L	nonpar	113	27			95.0000	0.99
Chloride	MG/L	nonpar	117	117			106.0000	0.99
Fluoride	MG/L	normal	116	64	0.2915	0.2832	0.9626	
Iron-dissolved	UG/L	nonpar	43	11			4480.0000	0.99
Magnesium-dissolved	UG/L	normal	74	72	15431.8919	4793.1982	26909.3080	
Nitrogen, nitrate	MG/L	lognor	55	49	0.5567	0.3720	3.2914	
Sodium-dissolved	MG/L	lognor	71	71	3.3814	0.1826	45.5633	
Specific conductance	UMHOS/CM	nonpar	64	64			846.0000	0.99
Sulfate	MG/L	nonpar	117	116			250.0000	0.99
Total dissolved solids	MG/L	nonpar	115	115			620.0000	0.99
Total organic carbon	MG/L	nonpar	116	46			46.1500	0.99
Total organic halogen	UG/L	nonpar	115	28			39.0000	0.99

* - Confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
Model Type refers to type of prediction limit.
For lognormal limit, mean and sd in natural log units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

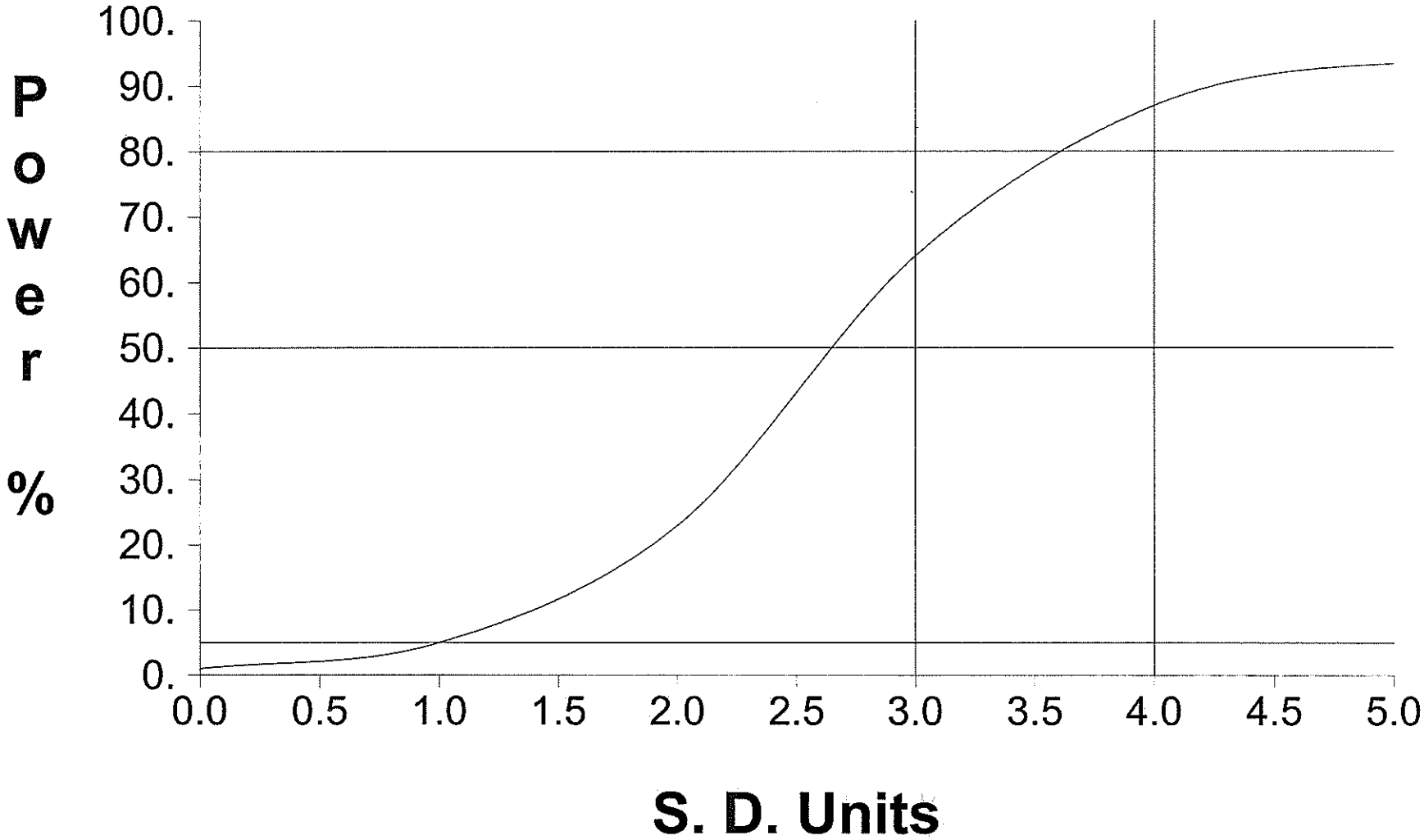


Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
1,1-dichloroethene	UG/L	4915A	7/26/2000	8.1000	1.0000
1,1-dichloroethene	UG/L	4915C	7/19/2000	1.4000	1.0000
1,1-dichloroethene	UG/L	4915D	7/26/2000	3.0000	1.0000
Bis(2-ethylhexyl)phthalate	UG/L	4915D	3/16/2005	27.0000	10.0000
Tetrachloroethene	UG/L	4915D	5/14/1992	4.0000	4.0000
Tetrachloroethene	UG/L	4915D	5/05/1995	14.0000	5.0000
1,1-dichloroethene	UG/L	4915E	7/26/2000	5.9000	1.0000
Trichloroethene	UG/L	4915E	5/14/1992	2.0000	1.9000
Trichloroethene	UG/L	4915E	8/04/1992	2.0000	1.9000
Trichloroethene	UG/L	4915M	2/09/1998	7.0000	5.0000
Trichloroethene	UG/L	4915M	8/28/2002	10.0000	5.0000
Trichloroethene	UG/L	4915M	6/03/2003	14.0000	5.0000
Trichloroethene	UG/L	4915M	2/17/2004	45.0000	5.0000
Trichloroethene	UG/L	4915M	3/24/2004	15.0000	5.0000
Trichloroethene	UG/L	4915M	9/02/2004	19.0000	5.0000
1,1,1-trichloroethane	UG/L	4916D	8/15/1991	7.0000	3.8000
1,1-dichloroethane	UG/L	4916D	8/15/1991	39.0000	5.0000
1,1-dichloroethane	UG/L	4916D	11/08/1991	6.0000	5.0000
1,1-dichloroethane	UG/L	4916D	8/14/1992	14.0000	5.0000
1,1-dichloroethane	UG/L	4916D	11/20/1992	10.0000	5.0000
1,1-dichloroethene	UG/L	4916D	7/26/2000	2.7000	1.0000
Chloromethane	UG/L	4916D	8/15/1991	31.0000	10.0000
Dichlorodifluoromethane	UG/L	4916D	8/15/1991	34.0000	10.0000
Dichlorodifluoromethane	UG/L	4916D	11/08/1991	19.0000	10.0000
Dichlorodifluoromethane	UG/L	4916D	5/05/1995	11.0000	10.0000
Methylene chloride	UG/L	4916D	8/15/1991	21.0000	2.8000
Methylene chloride	UG/L	4916D	5/03/2000	9.3000	5.0000
Tetrachloroethene	UG/L	4916D	8/15/1991	35.0000	4.1000
Tetrachloroethene	UG/L	4916D	11/08/1991	20.0000	4.1000
Tetrachloroethene	UG/L	4916D	2/13/1992	6.0000	4.0000
Tetrachloroethene	UG/L	4916D	8/14/1992	9.0000	4.0000
Tetrachloroethene	UG/L	4916D	11/20/1992	10.0000	4.0000
Tetrachloroethene	UG/L	4916D	2/10/1993	5.0000	4.0000
Tetrachloroethene	UG/L	4916D	5/26/1993	4.0000	4.0000
Trichloroethene	UG/L	4916D	8/15/1991	13.0000	1.9000
Trichloroethene	UG/L	4916D	11/08/1991	2.0000	1.9000
Trichloroethene	UG/L	4916D	5/26/1992	13.0000	1.9000
Trichloroethene	UG/L	4916D	8/14/1992	3.0000	1.9000
Trichloroethene	UG/L	4916D	11/20/1992	2.0000	1.9000
Vinyl chloride	UG/L	4916D	9/26/2003	1.2000	1.0000
1,1,1-trichloroethane	UG/L	4916F	5/14/1991	8.0000	7.6000
1,1,1-trichloroethane	UG/L	4916F	11/19/1992	4.0000	3.8000
1,1-dichloroethane	UG/L	4916F	5/14/1991	41.0000	10.0000
1,1-dichloroethane	UG/L	4916F	8/15/1991	36.0000	10.0000
1,1-dichloroethane	UG/L	4916F	11/14/1991	10.0000	5.0000
1,1-dichloroethane	UG/L	4916F	2/13/1992	5.0000	5.0000
1,1-dichloroethane	UG/L	4916F	5/12/1992	15.0000	5.0000
1,1-dichloroethane	UG/L	4916F	8/07/1992	8.0000	5.0000
1,1-dichloroethane	UG/L	4916F	9/14/1992	8.0000	5.0000
1,1-dichloroethane	UG/L	4916F	11/19/1992	9.0000	5.0000
1,1-dichloroethane	UG/L	4916F	2/03/1993	10.0000	5.0000
1,1-dichloroethane	UG/L	4916F	5/27/1993	5.0000	5.0000
1,1-dichloroethane	UG/L	4916F	8/17/1993	6.0000	5.0000
1,1-dichloroethane	UG/L	4916F	11/08/1994	6.0000	5.0000
1,1-dichloroethane	UG/L	4916F	2/02/1995	7.0000	5.0000
1,1-dichloroethene	UG/L	4916F	11/22/1999	1.1000	1.0000
Benzene	UG/L	4916F	9/11/2003	1.7000	1.0000
Chloromethane	UG/L	4916F	8/15/1991	51.0000	20.0000
Chloromethane	UG/L	4916F	5/12/1992	18.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	8/15/1991	62.0000	20.0000
Dichlorodifluoromethane	UG/L	4916F	11/14/1991	36.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	5/12/1992	39.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	8/07/1992	19.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	9/14/1992	20.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	11/19/1992	24.0000	10.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
Dichlorodifluoromethane	UG/L	4916F	2/03/1993	18.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	5/27/1993	29.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	8/17/1993	20.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	11/17/1993	20.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	2/25/1994	13.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	4/20/1994	18.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	5/12/1994	10.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	8/10/1994	11.0000	10.0000
Dichlorodifluoromethane	UG/L	4916F	11/08/1994	10.0000	10.0000
Methylene chloride	UG/L	4916F	5/14/1991	67.0000	5.6000
Methylene chloride	UG/L	4916F	8/15/1991	78.0000	5.6000
Methylene chloride	UG/L	4916F	11/14/1991	10.0000	2.8000
Methylene chloride	UG/L	4916F	2/13/1992	4.0000	2.8000
Methylene chloride	UG/L	4916F	5/12/1992	9.0000	2.8000
Methylene chloride	UG/L	4916F	2/03/1993	3.0000	2.8000
Methylene chloride	UG/L	4916F	5/03/2000	8.5000	5.0000
Tetrachloroethene	UG/L	4916F	5/14/1991	14.0000	8.2000
Tetrachloroethene	UG/L	4916F	8/15/1991	17.0000	8.2000
Tetrachloroethene	UG/L	4916F	11/14/1991	16.0000	4.1000
Tetrachloroethene	UG/L	4916F	2/13/1992	7.0000	4.0000
Tetrachloroethene	UG/L	4916F	5/12/1992	9.0000	4.0000
Tetrachloroethene	UG/L	4916F	8/07/1992	7.0000	4.0000
Tetrachloroethene	UG/L	4916F	9/14/1992	7.0000	4.0000
Tetrachloroethene	UG/L	4916F	11/19/1992	9.0000	4.0000
Tetrachloroethene	UG/L	4916F	2/03/1993	8.0000	4.0000
Tetrachloroethene	UG/L	4916F	5/27/1993	5.0000	4.0000
Tetrachloroethene	UG/L	4916F	8/17/1993	7.0000	4.0000
Tetrachloroethene	UG/L	4916F	11/17/1993	9.0000	4.0000
Tetrachloroethene	UG/L	4916F	2/25/1994	10.0000	4.0000
Tetrachloroethene	UG/L	4916F	4/20/1994	10.0000	4.0000
Tetrachloroethene	UG/L	4916F	5/12/1994	5.8000	4.0000
Tetrachloroethene	UG/L	4916F	8/10/1994	7.0000	5.0000
Tetrachloroethene	UG/L	4916F	11/08/1994	15.0000	5.0000
Tetrachloroethene	UG/L	4916F	2/02/1995	15.0000	5.0000
Tetrachloroethene	UG/L	4916F	11/02/1995	6.0000	5.0000
Tetrachloroethene	UG/L	4916F	2/05/1996	8.0000	5.0000
Tetrachloroethene	UG/L	4916F	5/14/1996	5.0000	5.0000
Tetrachloroethene	UG/L	4916F	11/05/1996	5.0000	5.0000
Tetrachloroethene	UG/L	4916F	8/20/1999	6.0000	5.0000
Trichloroethene	UG/L	4916F	5/14/1991	12.0000	3.8000
Trichloroethene	UG/L	4916F	8/15/1991	10.0000	3.8000
Trichloroethene	UG/L	4916F	11/14/1991	9.0000	1.9000
Trichloroethene	UG/L	4916F	2/13/1992	4.0000	1.9000
Trichloroethene	UG/L	4916F	5/12/1992	4.0000	1.9000
Trichloroethene	UG/L	4916F	8/07/1992	3.0000	1.9000
Trichloroethene	UG/L	4916F	9/14/1992	3.0000	1.9000
Trichloroethene	UG/L	4916F	11/19/1992	4.0000	1.9000
Trichloroethene	UG/L	4916F	2/03/1993	4.0000	1.9000
Trichloroethene	UG/L	4916F	8/17/1993	2.0000	1.9000
Trichloroethene	UG/L	4916F	11/17/1993	3.0000	1.9000
Trichloroethene	UG/L	4916F	2/25/1994	4.0000	1.9000
Trichloroethene	UG/L	4916F	4/20/1994	4.0000	1.9000
Trichloroethene	UG/L	4916F	5/12/1994	2.4000	1.9000
Trichloroethene	UG/L	4916F	11/08/1994	5.0000	5.0000
Trichloroethene	UG/L	4916F	2/02/1995	5.0000	5.0000
Trichlorofluoromethane	UG/L	4916F	5/14/1991	12.0000	10.0000
Vinyl chloride	UG/L	4916F	3/09/2001	1.0000	1.0000
Vinyl chloride	UG/L	4916F	6/06/2001	2.3000	1.0000
Vinyl chloride	UG/L	4916F	8/16/2001	6.4000	1.0000
Vinyl chloride	UG/L	4916F	12/04/2001	1.5000	1.0000
Vinyl chloride	UG/L	4916F	12/04/2001	1.5000	1.0000
Vinyl chloride	UG/L	4916F	2/19/2002	2.0000	1.0000
Vinyl chloride	UG/L	4916F	9/11/2003	6.0000	1.0000
Vinyl chloride	UG/L	4916F	11/20/2003	3.5000	1.0000
Vinyl chloride	UG/L	4916F	3/01/2004	3.5000	1.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
Vinyl chloride	UG/L	4916F	9/01/2004	2.2000	1.0000
Vinyl chloride	UG/L	4916F	3/21/2005	3.2000	1.0000
1,1,1-trichloroethane	UG/L	4916G	5/15/1991	4.0000	3.8000
1,1-dichloroethane	UG/L	4916G	8/08/1995	12.0000	5.0000
1,1-dichloroethene	UG/L	4916G	7/25/2000	4.0000	1.0000
Chloromethane	UG/L	4916G	8/14/1991	33.0000	13.0000
Dichlorodifluoromethane	UG/L	4916G	2/13/1991	14.0000	10.0000
Dichlorodifluoromethane	UG/L	4916G	5/15/1991	30.0000	10.0000
Dichlorodifluoromethane	UG/L	4916G	8/14/1991	46.0000	13.0000
Dichlorodifluoromethane	UG/L	4916G	11/07/1991	19.0000	10.0000
Dichlorodifluoromethane	UG/L	4916G	2/28/1992	12.0000	10.0000
Dichlorodifluoromethane	UG/L	4916G	5/26/1992	10.0000	10.0000
Dichlorodifluoromethane	UG/L	4916G	8/08/1995	11.0000	10.0000
Tetrachloroethene	UG/L	4916G	5/15/1991	13.0000	4.1000
Tetrachloroethene	UG/L	4916G	8/14/1991	7.0000	5.1300
Tetrachloroethene	UG/L	4916G	5/26/1992	12.0000	4.0000
Tetrachloroethene	UG/L	4916G	8/06/1992	4.0000	4.0000
Tetrachloroethene	UG/L	4916G	8/08/1995	6.0000	5.0000
Trichloroethene	UG/L	4916G	5/15/1991	2.0000	1.9000
Vinyl chloride	UG/L	4916G	8/08/1995	2.0000	.5000
1,1,1-trichloroethane	UG/L	4916H	5/16/1991	5.0000	3.8000
1,1,1-trichloroethane	UG/L	4916H	10/28/1991	4.0000	3.8000
1,1,1-trichloroethane	UG/L	4916H	5/27/1993	4.0000	3.8000
1,1,1-trichloroethane	UG/L	4916H	2/25/1994	4.0000	3.8000
1,1,1-trichloroethane	UG/L	4916H	11/09/1994	5.0000	5.0000
1,1-dichloroethane	UG/L	4916H	2/13/1991	7.0000	5.0000
1,1-dichloroethane	UG/L	4916H	4/26/1991	6.0000	5.0000
1,1-dichloroethane	UG/L	4916H	5/16/1991	27.0000	5.0000
1,1-dichloroethane	UG/L	4916H	7/12/1991	20.0000	5.0000
1,1-dichloroethane	UG/L	4916H	7/19/1991	45.0000	5.0000
1,1-dichloroethane	UG/L	4916H	7/29/1991	36.0000	20.0000
1,1-dichloroethane	UG/L	4916H	8/15/1991	24.0000	8.0000
1,1-dichloroethane	UG/L	4916H	8/15/1991	22.0000	8.0000
1,1-dichloroethane	UG/L	4916H	10/28/1991	10.0000	5.0000
1,1-dichloroethane	UG/L	4916H	10/28/1991	13.0000	5.0000
1,1-dichloroethane	UG/L	4916H	6/05/1992	11.0000	5.0000
1,1-dichloroethane	UG/L	4916H	8/07/1992	9.0000	5.0000
1,1-dichloroethane	UG/L	4916H	9/14/1992	9.0000	5.0000
1,1-dichloroethane	UG/L	4916H	12/09/1992	5.0000	5.0000
1,1-dichloroethane	UG/L	4916H	2/03/1993	11.0000	5.0000
1,1-dichloroethane	UG/L	4916H	5/27/1993	5.0000	5.0000
1,1-dichloroethane	UG/L	4916H	8/17/1993	5.0000	5.0000
1,1-dichloroethane	UG/L	4916H	11/17/1993	10.0000	5.0000
1,1-dichloroethane	UG/L	4916H	2/25/1994	25.0000	5.0000
1,1-dichloroethane	UG/L	4916H	5/12/1994	19.0000	5.0000
1,1-dichloroethane	UG/L	4916H	8/10/1994	10.0000	5.0000
1,1-dichloroethane	UG/L	4916H	11/09/1994	10.0000	5.0000
1,1-dichloroethane	UG/L	4916H	2/02/1995	10.0000	5.0000
1,1-dichloroethane	UG/L	4916H	8/07/1995	5.0000	5.0000
1,1-dichloroethane	UG/L	4916H	11/02/1995	7.0000	5.0000
1,1-dichloroethane	UG/L	4916H	2/05/1996	9.0000	5.0000
1,1-dichloroethene	UG/L	4916H	7/19/1991	3.0000	2.8000
1,1-dichloroethene	UG/L	4916H	8/07/1995	8.0000	5.0000
1,1-dichloroethene	UG/L	4916H	11/22/1999	1.2000	1.0000
1,1-dichloroethene	UG/L	4916H	7/25/2000	1.2000	1.0000
Benzene	UG/L	4916H	9/11/2003	1.6000	1.0000
Bis(2-ethylhexyl)phthalate	UG/L	4916H	3/01/2004	13.0000	10.0000
Chloroform	UG/L	4916H	10/28/1991	2.0000	1.6000
Chloroform	UG/L	4916H	10/28/1991	2.0000	1.6000
Chloromethane	UG/L	4916H	5/16/1991	15.0000	10.0000
Chloromethane	UG/L	4916H	8/15/1991	25.0000	15.0000
Chloromethane	UG/L	4916H	11/17/1993	10.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	2/13/1991	30.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	4/22/1991	21.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	4/26/1991	27.0000	10.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
Dichlorodifluoromethane	UG/L	4916H	5/16/1991	35.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	7/12/1991	19.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	7/19/1991	78.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	8/15/1991	47.0000	15.0000
Dichlorodifluoromethane	UG/L	4916H	8/15/1991	42.0000	15.0000
Dichlorodifluoromethane	UG/L	4916H	10/28/1991	28.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	10/28/1991	32.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	11/08/1991	21.0000	15.0000
Dichlorodifluoromethane	UG/L	4916H	2/13/1992	28.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	6/05/1992	30.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	8/07/1992	35.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	9/14/1992	26.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	12/09/1992	10.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	2/03/1993	21.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	5/27/1993	28.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	8/17/1993	35.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	11/17/1993	34.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	2/25/1994	21.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	5/12/1994	22.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	8/10/1994	26.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	11/09/1994	20.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	5/03/1995	17.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	8/07/1995	16.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	11/02/1995	12.0000	10.0000
Dichlorodifluoromethane	UG/L	4916H	2/05/1996	11.0000	10.0000
Methylene chloride	UG/L	4916H	2/13/1991	8.0000	2.8000
Methylene chloride	UG/L	4916H	4/22/1991	3.0000	2.8000
Methylene chloride	UG/L	4916H	4/26/1991	6.0000	2.8000
Methylene chloride	UG/L	4916H	5/16/1991	50.0000	2.8000
Methylene chloride	UG/L	4916H	7/12/1991	39.0000	2.8000
Methylene chloride	UG/L	4916H	7/19/1991	140.0000	2.8000
Methylene chloride	UG/L	4916H	7/29/1991	81.0000	11.2000
Methylene chloride	UG/L	4916H	8/15/1991	46.0000	4.2000
Methylene chloride	UG/L	4916H	8/15/1991	49.0000	4.2000
Methylene chloride	UG/L	4916H	10/28/1991	11.0000	2.8000
Methylene chloride	UG/L	4916H	10/28/1991	16.0000	2.8000
Methylene chloride	UG/L	4916H	11/08/1991	7.0000	4.2300
Methylene chloride	UG/L	4916H	2/13/1992	3.0000	2.8000
Methylene chloride	UG/L	4916H	2/03/1993	3.0000	2.8000
Tetrachloroethene	UG/L	4916H	2/13/1991	8.0000	4.1000
Tetrachloroethene	UG/L	4916H	4/22/1991	6.0000	4.1000
Tetrachloroethene	UG/L	4916H	4/26/1991	6.0000	4.1000
Tetrachloroethene	UG/L	4916H	5/16/1991	12.0000	4.1000
Tetrachloroethene	UG/L	4916H	7/12/1991	6.0000	4.1000
Tetrachloroethene	UG/L	4916H	7/19/1991	20.0000	4.1000
Tetrachloroethene	UG/L	4916H	8/15/1991	16.0000	6.1500
Tetrachloroethene	UG/L	4916H	8/15/1991	14.0000	6.1500
Tetrachloroethene	UG/L	4916H	10/28/1991	15.0000	4.1000
Tetrachloroethene	UG/L	4916H	10/28/1991	17.0000	4.1000
Tetrachloroethene	UG/L	4916H	2/13/1992	7.0000	4.0000
Tetrachloroethene	UG/L	4916H	6/05/1992	6.0000	4.0000
Tetrachloroethene	UG/L	4916H	8/07/1992	7.0000	4.0000
Tetrachloroethene	UG/L	4916H	9/14/1992	8.0000	4.0000
Tetrachloroethene	UG/L	4916H	12/09/1992	6.0000	4.0000
Tetrachloroethene	UG/L	4916H	2/03/1993	10.0000	4.0000
Tetrachloroethene	UG/L	4916H	5/27/1993	7.0000	4.0000
Tetrachloroethene	UG/L	4916H	8/17/1993	7.0000	4.0000
Tetrachloroethene	UG/L	4916H	11/17/1993	14.0000	4.0000
Tetrachloroethene	UG/L	4916H	2/25/1994	20.0000	4.0000
Tetrachloroethene	UG/L	4916H	5/12/1994	25.0000	4.0000
Tetrachloroethene	UG/L	4916H	8/10/1994	19.0000	5.0000
Tetrachloroethene	UG/L	4916H	11/09/1994	23.0000	5.0000
Tetrachloroethene	UG/L	4916H	2/02/1995	23.0000	5.0000
Tetrachloroethene	UG/L	4916H	5/03/1995	11.0000	5.0000
Tetrachloroethene	UG/L	4916H	8/07/1995	12.0000	5.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
Tetrachloroethene	UG/L	4916H	11/02/1995	13.0000	5.0000
Tetrachloroethene	UG/L	4916H	2/05/1996	15.0000	5.0000
Tetrachloroethene	UG/L	4916H	5/14/1996	8.0000	5.0000
Trichloroethene	UG/L	4916H	2/13/1991	3.0000	1.9000
Trichloroethene	UG/L	4916H	4/22/1991	2.0000	1.9000
Trichloroethene	UG/L	4916H	4/26/1991	3.0000	1.9000
Trichloroethene	UG/L	4916H	5/16/1991	7.0000	1.9000
Trichloroethene	UG/L	4916H	7/12/1991	5.0000	1.9000
Trichloroethene	UG/L	4916H	7/19/1991	14.0000	1.9000
Trichloroethene	UG/L	4916H	7/29/1991	8.0000	7.6000
Trichloroethene	UG/L	4916H	8/15/1991	6.0000	2.8500
Trichloroethene	UG/L	4916H	8/15/1991	6.0000	2.8500
Trichloroethene	UG/L	4916H	10/28/1991	7.0000	1.9000
Trichloroethene	UG/L	4916H	10/28/1991	9.0000	1.9000
Trichloroethene	UG/L	4916H	11/08/1991	4.0000	2.8700
Trichloroethene	UG/L	4916H	2/13/1992	4.0000	1.9000
Trichloroethene	UG/L	4916H	6/05/1992	2.0000	1.9000
Trichloroethene	UG/L	4916H	8/07/1992	3.0000	1.9000
Trichloroethene	UG/L	4916H	9/14/1992	4.0000	1.9000
Trichloroethene	UG/L	4916H	12/09/1992	2.0000	1.9000
Trichloroethene	UG/L	4916H	2/03/1993	4.0000	1.9000
Trichloroethene	UG/L	4916H	5/27/1993	2.0000	1.9000
Trichloroethene	UG/L	4916H	8/17/1993	2.0000	1.9000
Trichloroethene	UG/L	4916H	11/17/1993	3.0000	1.9000
Trichloroethene	UG/L	4916H	2/25/1994	7.0000	1.9000
Trichloroethene	UG/L	4916H	5/12/1994	6.5000	1.9000
Trichloroethene	UG/L	4916H	8/10/1994	5.0000	5.0000
Trichloroethene	UG/L	4916H	11/09/1994	8.0000	5.0000
Trichloroethene	UG/L	4916H	2/02/1995	7.0000	5.0000
Trichlorofluoromethane	UG/L	4916H	5/27/1993	12.0000	10.0000
Vinyl chloride	UG/L	4916H	2/03/1993	2.0000	2.0000
Vinyl chloride	UG/L	4916H	6/06/2001	3.0000	1.0000
Vinyl chloride	UG/L	4916H	8/16/2001	4.6000	1.0000
Vinyl chloride	UG/L	4916H	12/04/2001	1.3000	1.0000
Vinyl chloride	UG/L	4916H	12/04/2001	1.3000	1.0000
Vinyl chloride	UG/L	4916H	2/19/2002	1.4000	1.0000
Vinyl chloride	UG/L	4916H	8/06/2002	1.6000	1.0000
Vinyl chloride	UG/L	4916H	9/11/2003	5.7000	1.0000
Vinyl chloride	UG/L	4916H	11/20/2003	3.3000	1.0000
Vinyl chloride	UG/L	4916H	3/01/2004	2.6000	1.0000
Vinyl chloride	UG/L	4916H	9/01/2004	2.3000	1.0000
Vinyl chloride	UG/L	4916H	3/21/2005	4.6000	1.0000
1,1,1-trichloroethane	UG/L	4916J	11/19/1992	5.0000	3.8000
1,1-dichloroethane	UG/L	4916J	7/10/1992	5.0000	5.0000
1,1-dichloroethane	UG/L	4916J	8/07/1992	8.0000	5.0000
1,1-dichloroethane	UG/L	4916J	9/11/1992	14.0000	5.0000
1,1-dichloroethane	UG/L	4916J	11/19/1992	10.0000	5.0000
1,1-dichloroethane	UG/L	4916J	2/02/1993	7.0000	5.0000
1,1-dichloroethane	UG/L	4916J	8/18/1993	5.0000	5.0000
1,1-dichloroethane	UG/L	4916J	11/17/1993	8.0000	5.0000
1,1-dichloroethane	UG/L	4916J	2/24/1994	15.0000	5.0000
1,1-dichloroethane	UG/L	4916J	5/12/1994	6.8000	5.0000
1,1-dichloroethane	UG/L	4916J	8/11/1994	6.0000	5.0000
1,1-dichloroethane	UG/L	4916J	11/09/1994	8.0000	5.0000
1,1-dichloroethane	UG/L	4916J	2/02/1995	5.0000	5.0000
1,1-dichloroethane	UG/L	4916J	2/06/1996	6.0000	5.0000
1,1-dichloroethane	UG/L	4916J	9/11/2003	6.4000	5.0000
Benzene	UG/L	4916J	11/19/2003	1.1000	1.0000
Chloromethane	UG/L	4916J	11/17/1993	11.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	2/13/1992	15.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	7/10/1992	26.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	8/07/1992	34.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	9/11/1992	19.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	11/19/1992	28.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	2/02/1993	25.0000	10.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

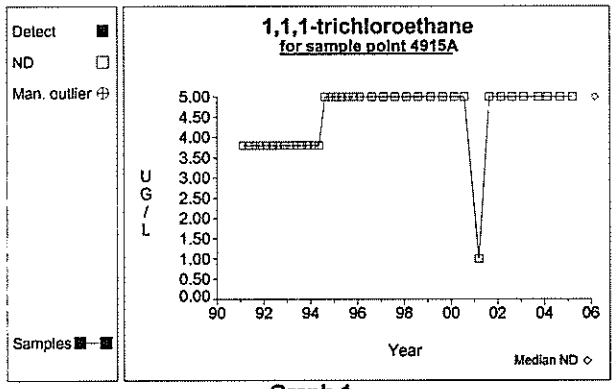
Table 1

Historical Volatile Organic Compound Detections

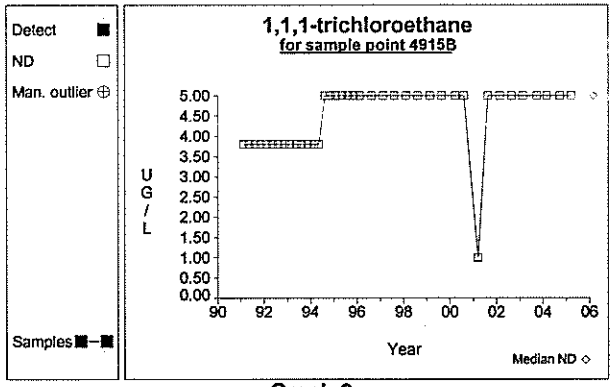
Constituent	Units	Well	Date	Result	Limit
Dichlorodifluoromethane	UG/L	4916J	5/27/1993	14.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	8/18/1993	28.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	11/17/1993	33.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	2/24/1994	23.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	5/12/1994	18.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	8/11/1994	27.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	11/09/1994	25.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	8/08/1995	15.0000	10.0000
Dichlorodifluoromethane	UG/L	4916J	11/03/1995	10.0000	10.0000
Tetrachloroethene	UG/L	4916J	7/10/1992	6.0000	4.0000
Tetrachloroethene	UG/L	4916J	8/07/1992	6.0000	4.0000
Tetrachloroethene	UG/L	4916J	9/11/1992	7.0000	4.0000
Tetrachloroethene	UG/L	4916J	11/19/1992	8.0000	4.0000
Tetrachloroethene	UG/L	4916J	2/02/1993	9.0000	4.0000
Tetrachloroethene	UG/L	4916J	5/27/1993	4.0000	4.0000
Tetrachloroethene	UG/L	4916J	8/18/1993	7.0000	4.0000
Tetrachloroethene	UG/L	4916J	11/17/1993	12.0000	4.0000
Tetrachloroethene	UG/L	4916J	2/24/1994	15.0000	4.0000
Tetrachloroethene	UG/L	4916J	5/12/1994	15.0000	4.0000
Tetrachloroethene	UG/L	4916J	8/11/1994	13.0000	5.0000
Tetrachloroethene	UG/L	4916J	11/09/1994	17.0000	5.0000
Tetrachloroethene	UG/L	4916J	2/02/1995	11.0000	5.0000
Tetrachloroethene	UG/L	4916J	5/04/1995	5.0000	5.0000
Tetrachloroethene	UG/L	4916J	8/08/1995	5.0000	5.0000
Tetrachloroethene	UG/L	4916J	11/03/1995	8.0000	5.0000
Tetrachloroethene	UG/L	4916J	2/06/1996	9.0000	5.0000
Tetrachloroethene	UG/L	4916J	5/14/1996	5.0000	5.0000
Trichloroethene	UG/L	4916J	7/10/1992	3.0000	1.9000
Trichloroethene	UG/L	4916J	8/07/1992	3.0000	1.9000
Trichloroethene	UG/L	4916J	9/11/1992	3.0000	1.9000
Trichloroethene	UG/L	4916J	11/19/1992	4.0000	1.9000
Trichloroethene	UG/L	4916J	2/02/1993	4.0000	1.9000
Trichloroethene	UG/L	4916J	8/18/1993	2.0000	1.9000
Trichloroethene	UG/L	4916J	11/17/1993	3.0000	1.9000
Trichloroethene	UG/L	4916J	2/24/1994	6.0000	1.9000
Trichloroethene	UG/L	4916J	5/12/1994	4.6000	1.9000
Trichloroethene	UG/L	4916J	11/09/1994	6.0000	5.0000
Trichlorofluoromethane	UG/L	4916J	11/19/1992	11.0000	10.0000
Vinyl chloride	UG/L	4916J	6/12/2001	1.7000	1.0000
Vinyl chloride	UG/L	4916J	8/16/2001	1.1000	1.0000
Vinyl chloride	UG/L	4916J	12/04/2001	1.3000	1.0000
Vinyl chloride	UG/L	4916J	12/04/2001	1.3000	1.0000
Vinyl chloride	UG/L	4916J	2/19/2002	1.9000	1.0000
Vinyl chloride	UG/L	4916J	8/29/2002	1.0000	1.0000
Vinyl chloride	UG/L	4916J	9/11/2003	4.3000	1.0000
Vinyl chloride	UG/L	4916J	11/19/2003	3.5000	1.0000
Vinyl chloride	UG/L	4916J	3/04/2004	3.1000	1.0000
Vinyl chloride	UG/L	4916J	9/02/2004	2.1000	1.0000
Vinyl chloride	UG/L	4916J	3/18/2005	1.8000	1.0000
Trichloroethene	UG/L	4916L	3/16/2005	25.0000	5.0000
1,1,1-trichloroethane	UG/L	4926C	5/21/1991	8.0000	5.4300
1,1-dichloroethane	UG/L	4926C	2/28/1992	9.0000	5.0000
Benzene	UG/L	4926C	2/28/1992	7.0000	4.4000
Bis(2-ethylhexyl)phthalate	UG/L	4926C	3/22/2005	13.0000	10.0000
Cis-1,2-dichloroethene	UG/L	4926C	4/17/2001	2.4000	1.0000
Dichlorodifluoromethane	UG/L	4926C	5/21/1991	44.0000	14.0000
Dichlorodifluoromethane	UG/L	4926C	8/13/1991	45.0000	15.0000
Dichlorodifluoromethane	UG/L	4926C	11/11/1991	33.0000	10.0000
Dichlorodifluoromethane	UG/L	4926C	5/26/1992	12.0000	10.0000
Tetrachloroethene	UG/L	4926C	5/21/1991	24.0000	5.8600
Tetrachloroethene	UG/L	4926C	8/13/1991	9.0000	6.1500
Tetrachloroethene	UG/L	4926C	4/17/2001	1.0000	1.0000
Trichloroethene	UG/L	4926C	2/28/1992	22.0000	1.9000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

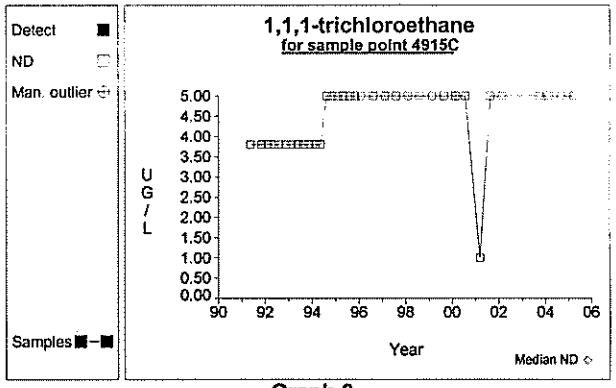
Time Series



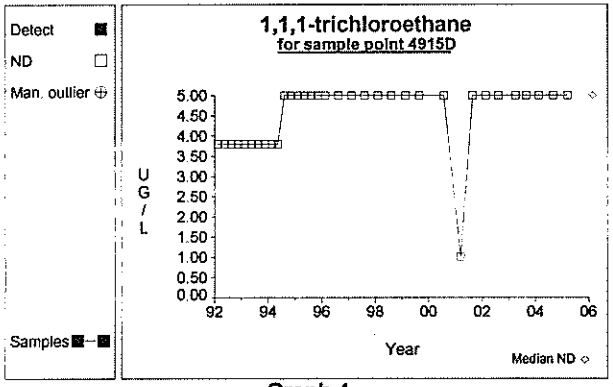
Graph 1



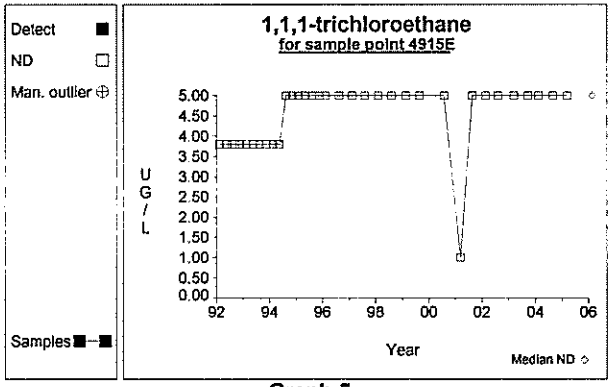
Graph 2



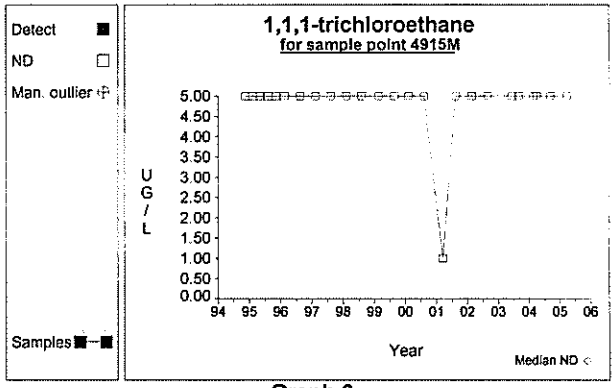
Graph 3



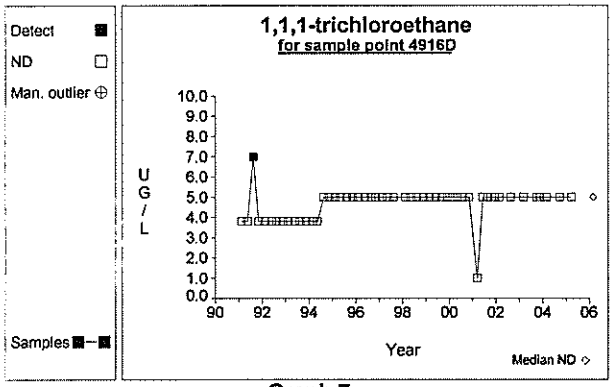
Graph 4



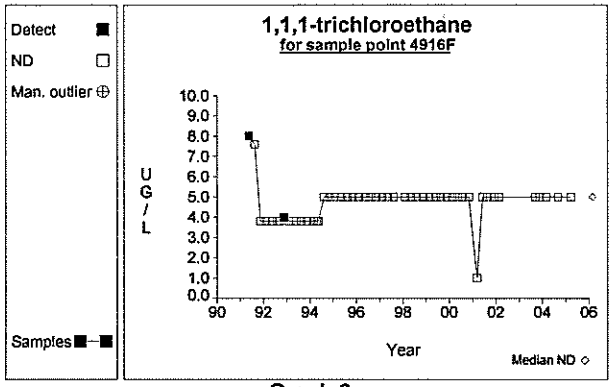
Graph 5



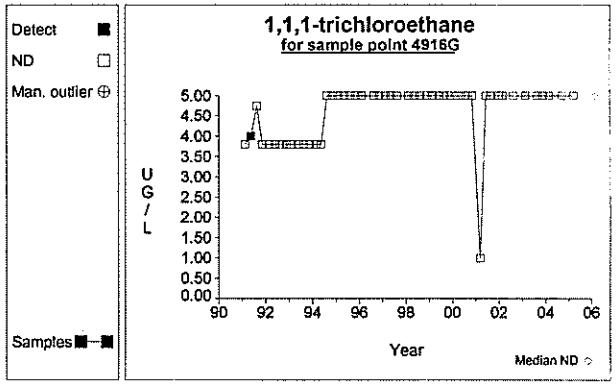
Graph 6



Graph 7

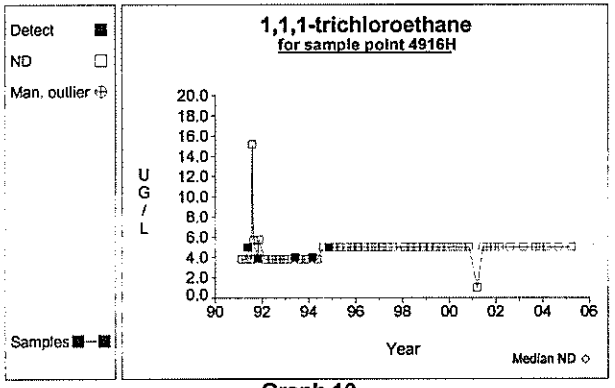


Graph 8

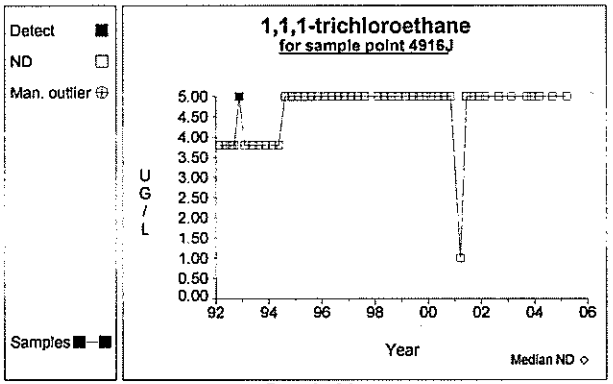


Graph 9

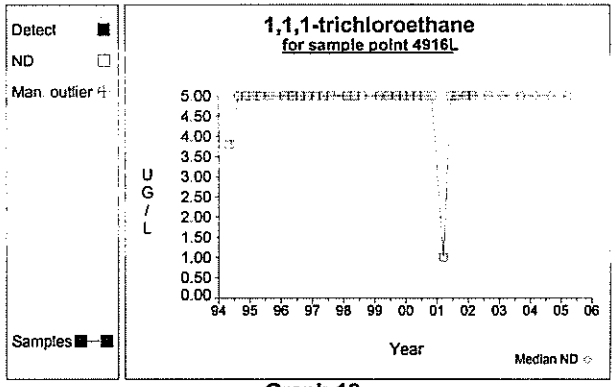
Time Series



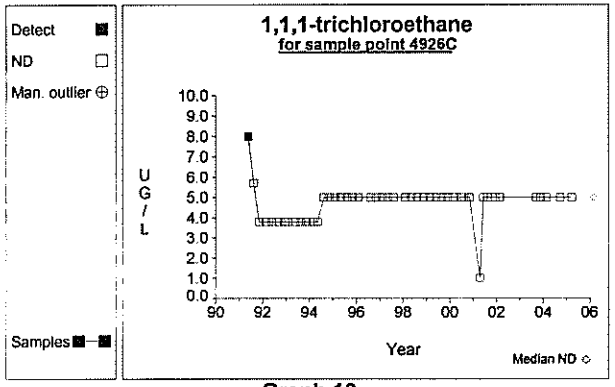
Graph 10



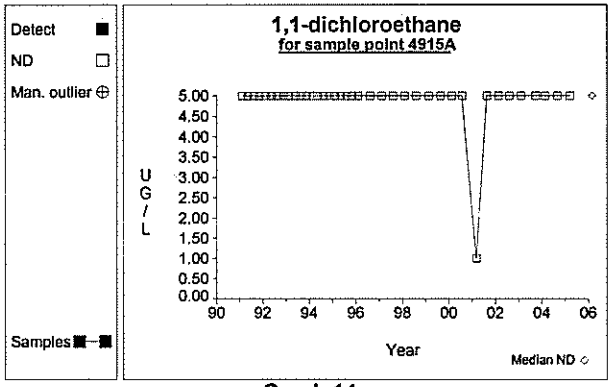
Graph 11



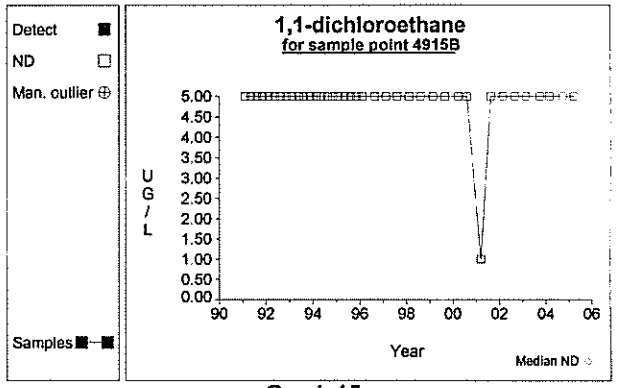
Graph 12



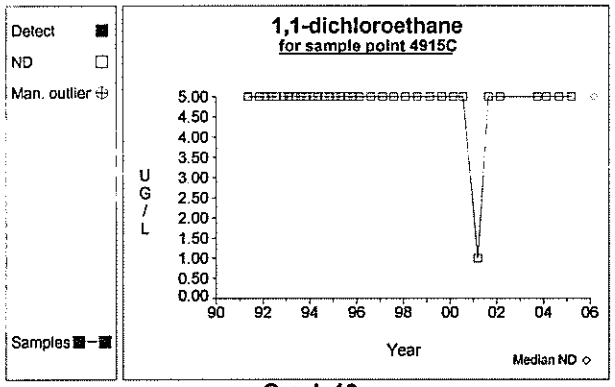
Graph 13



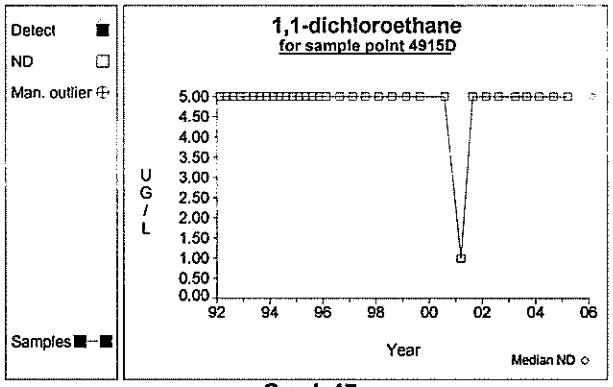
Graph 14



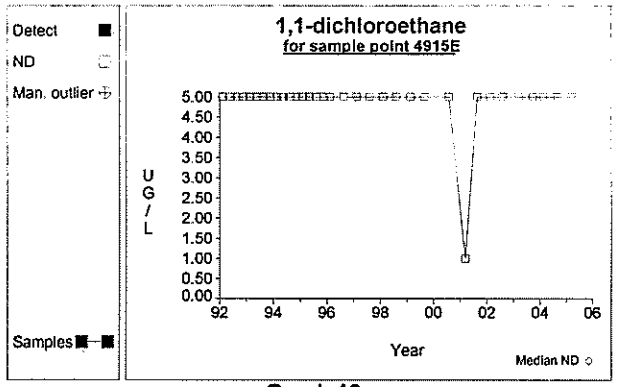
Graph 15



Graph 16

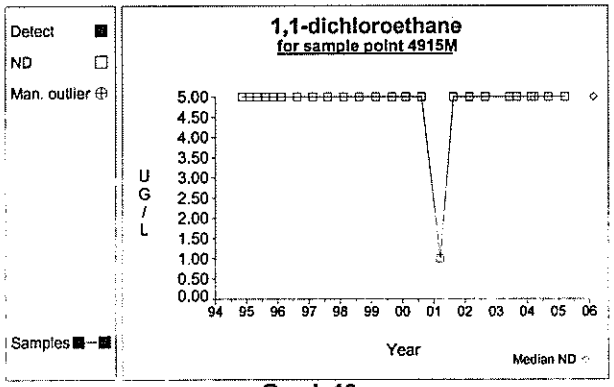


Graph 17

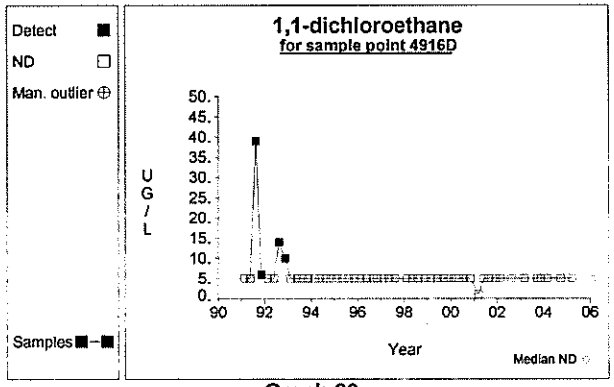


Graph 18

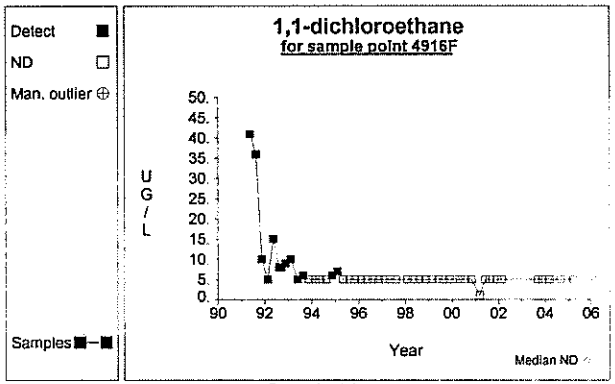
Time Series



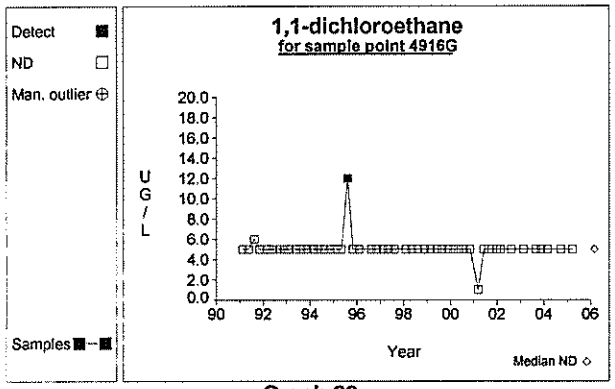
Graph 19



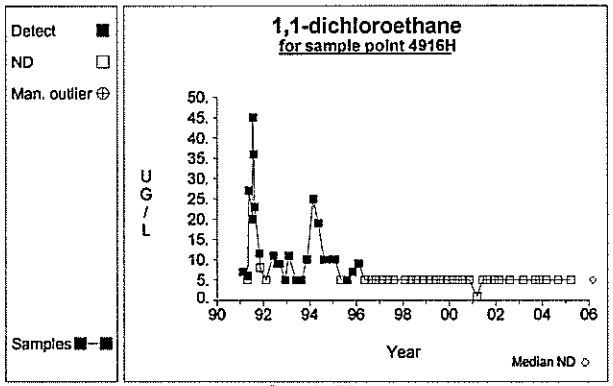
Graph 20



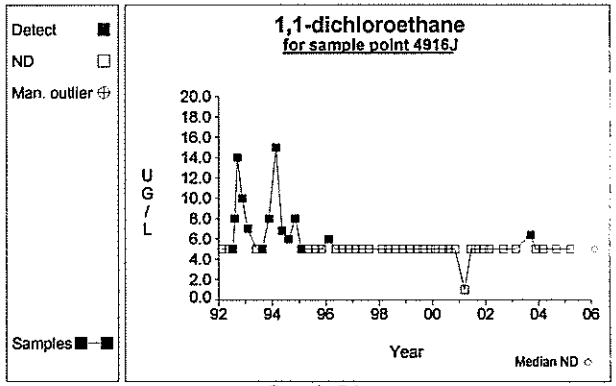
Graph 21



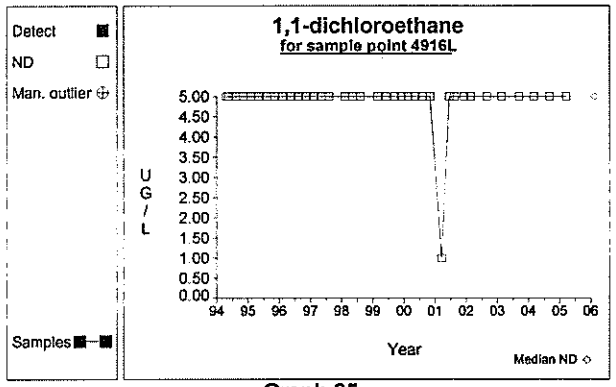
Graph 22



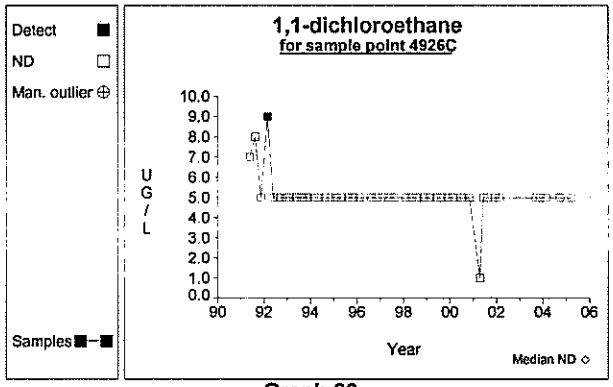
Graph 23



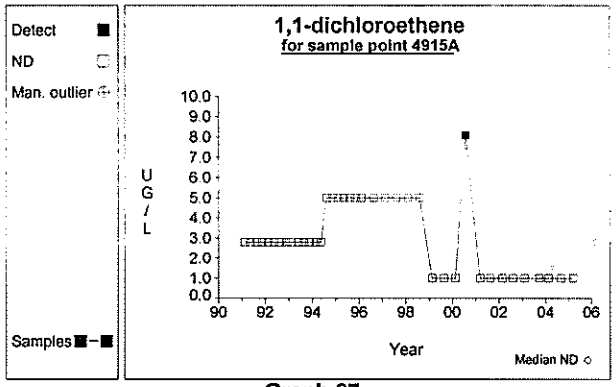
Graph 24



Graph 25

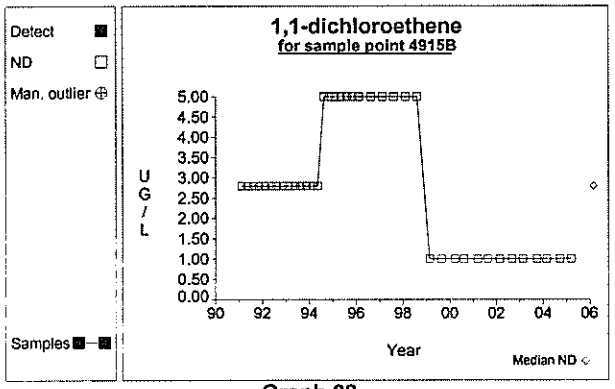


Graph 26

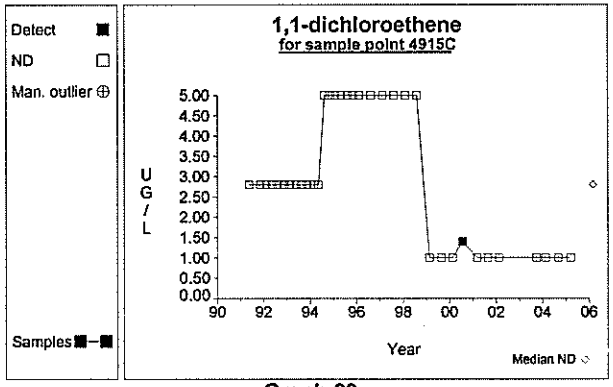


Graph 27

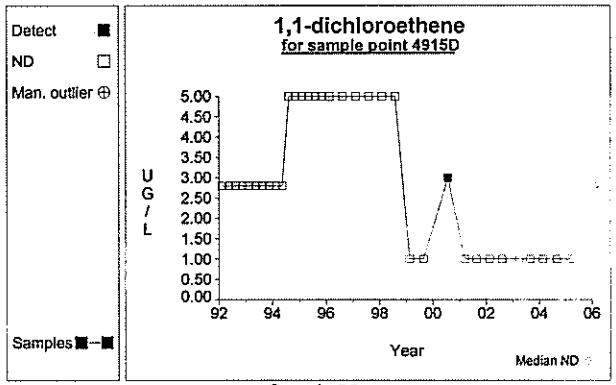
Time Series



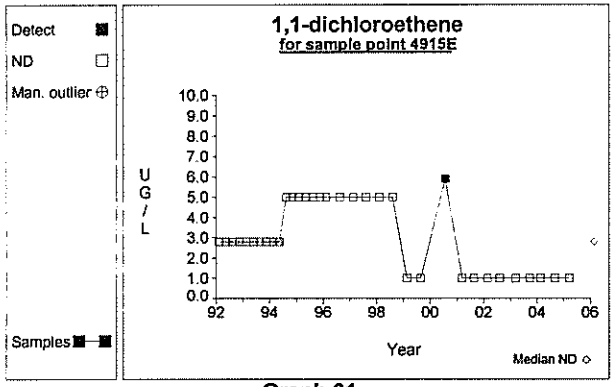
Graph 28



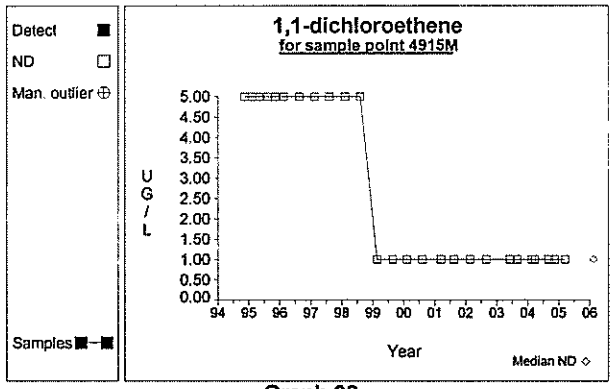
Graph 29



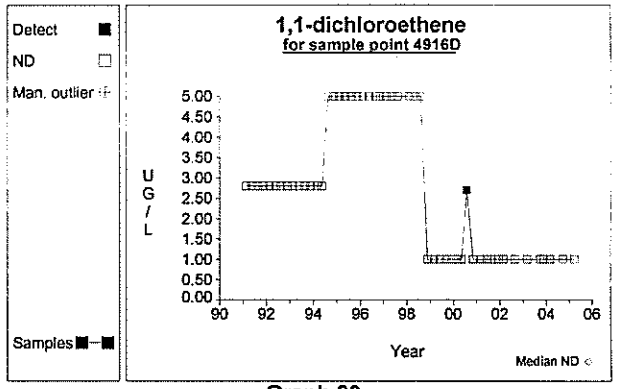
Graph 30



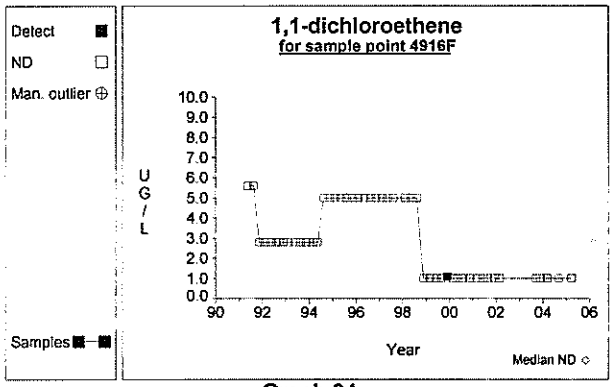
Graph 31



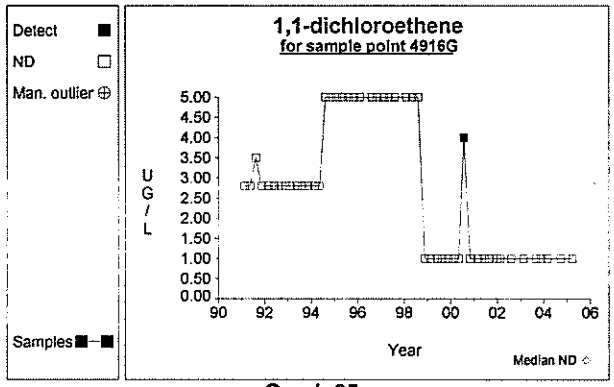
Graph 32



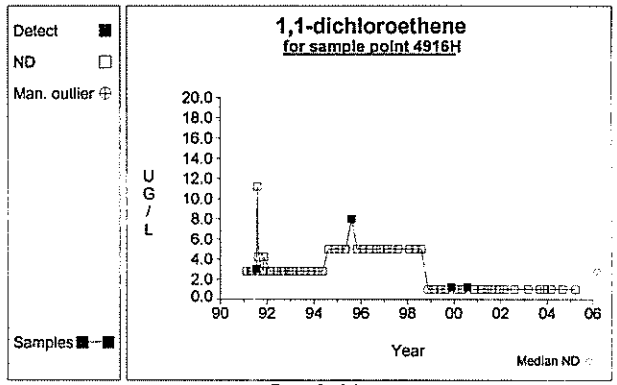
Graph 33



Graph 34

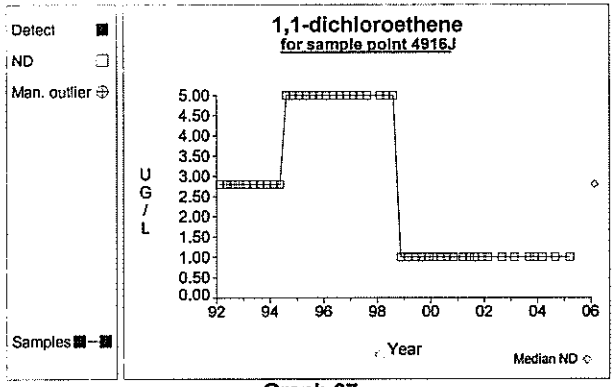


Graph 35

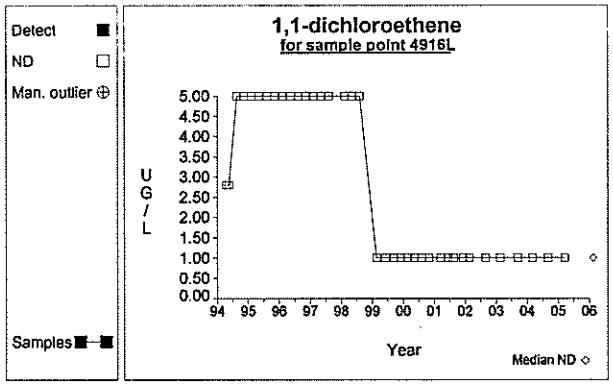


Graph 36

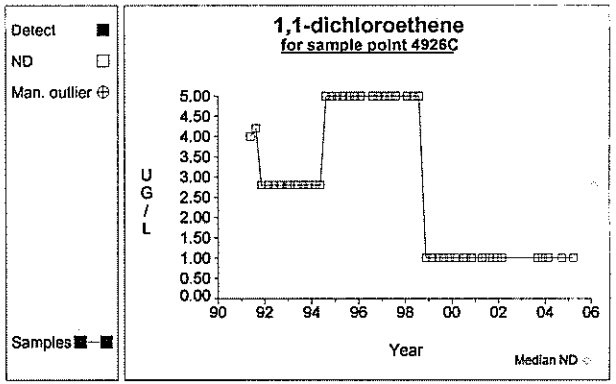
Time Series



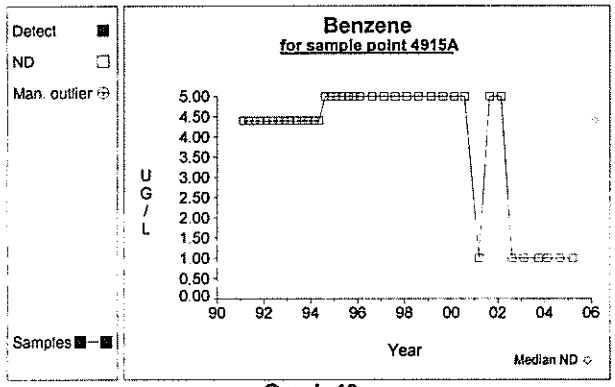
Graph 37



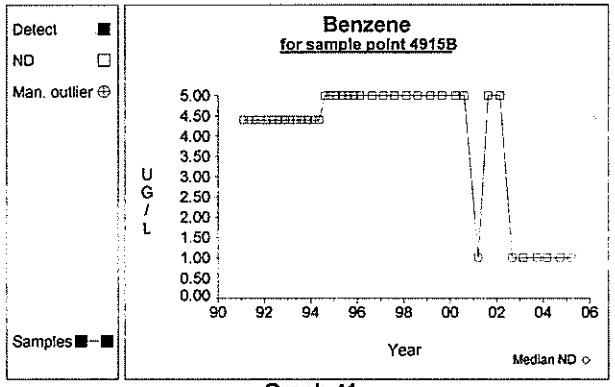
Graph 38



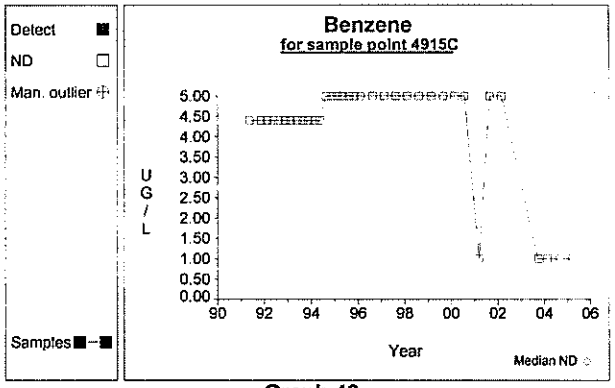
Graph 39



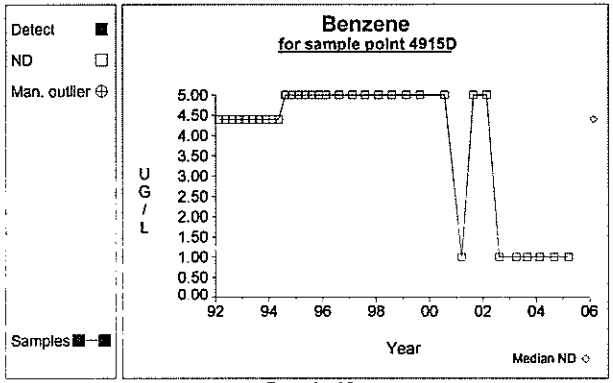
Graph 40



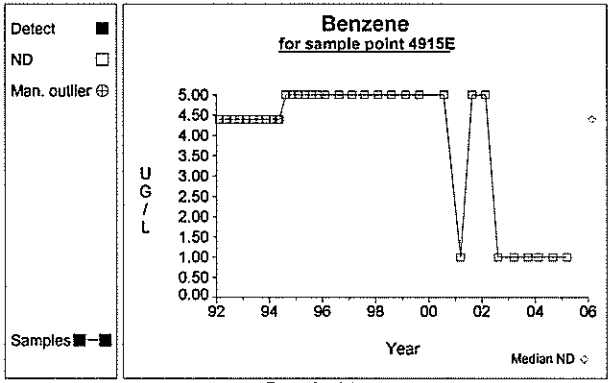
Graph 41



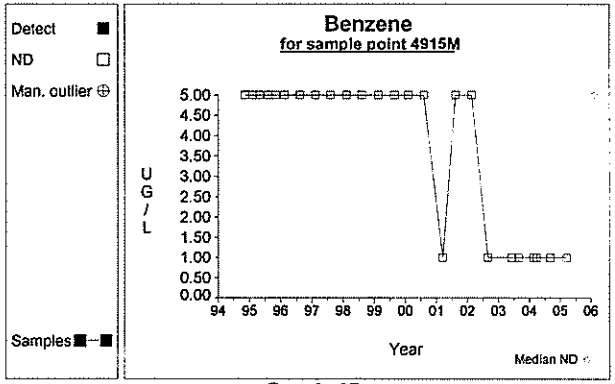
Graph 42



Graph 43

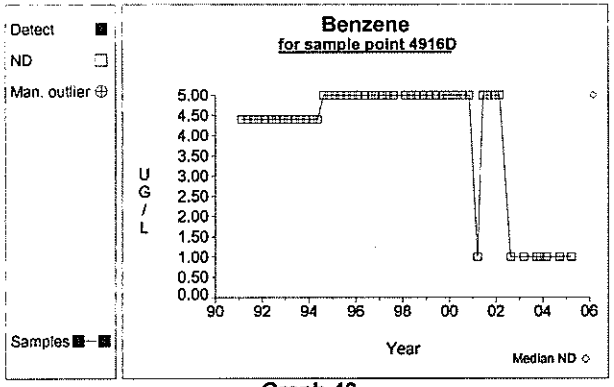


Graph 44

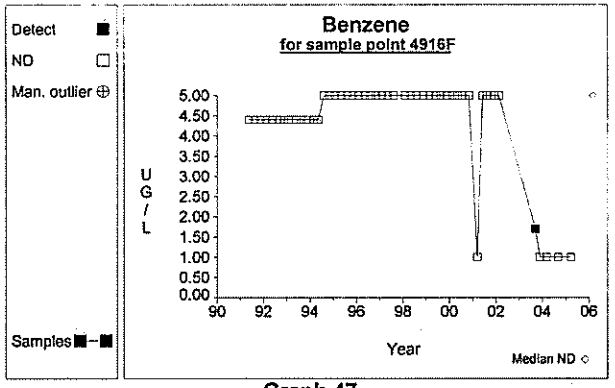


Graph 45

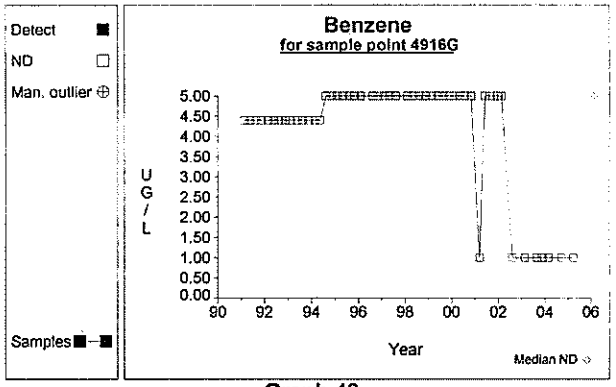
Time Series



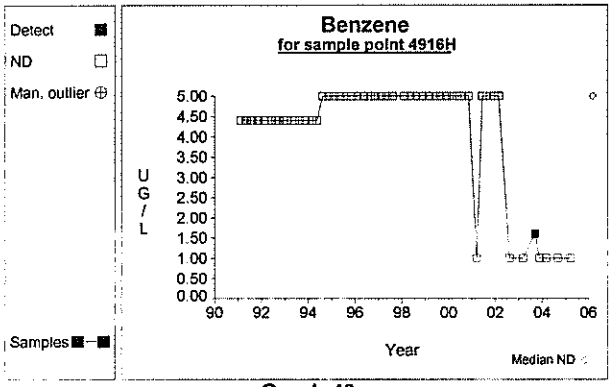
Graph 46



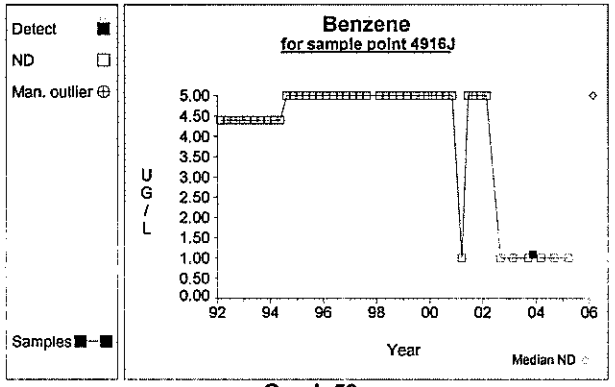
Graph 47



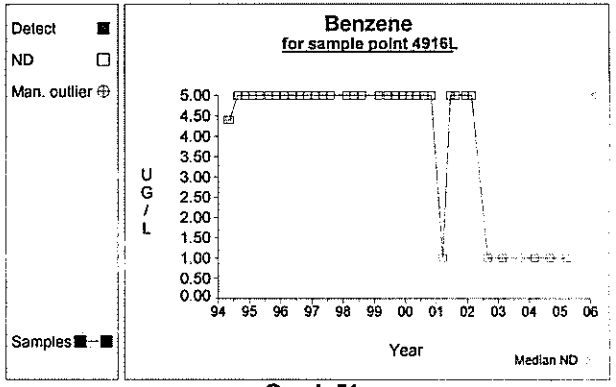
Graph 48



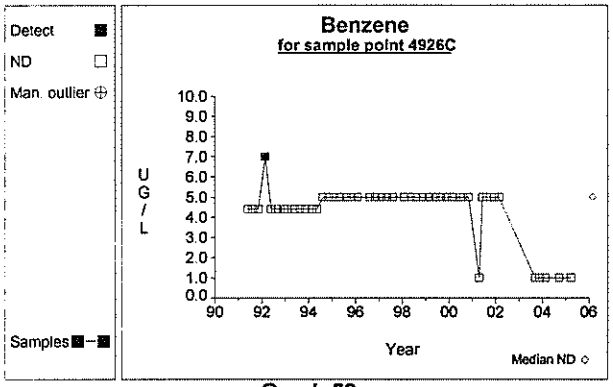
Graph 49



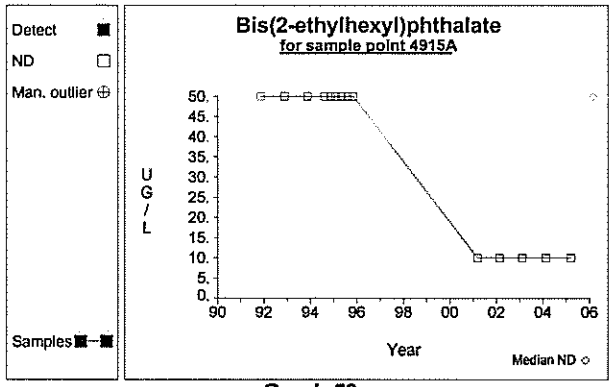
Graph 50



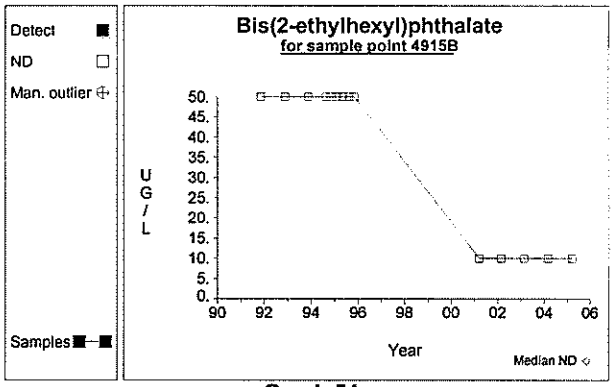
Graph 51



Graph 52

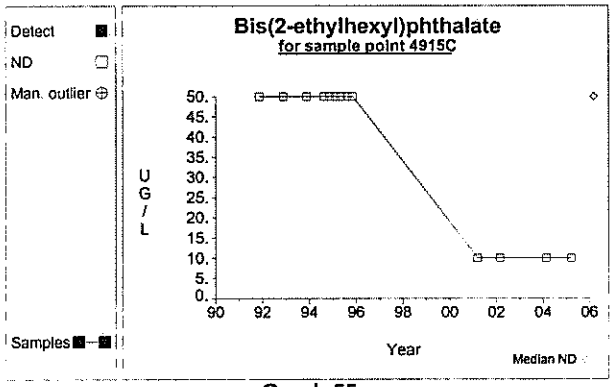


Graph 53

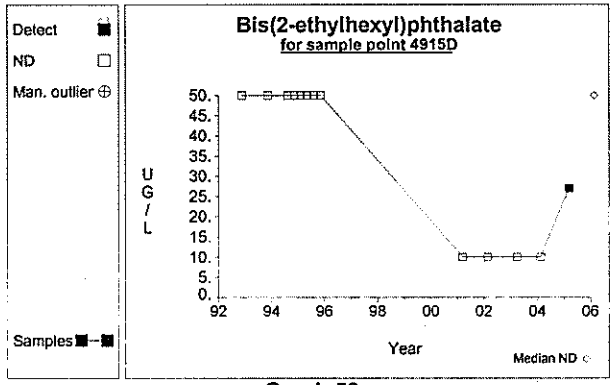


Graph 54

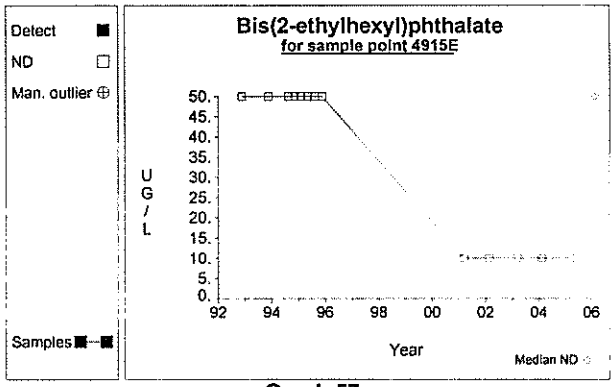
Time Series



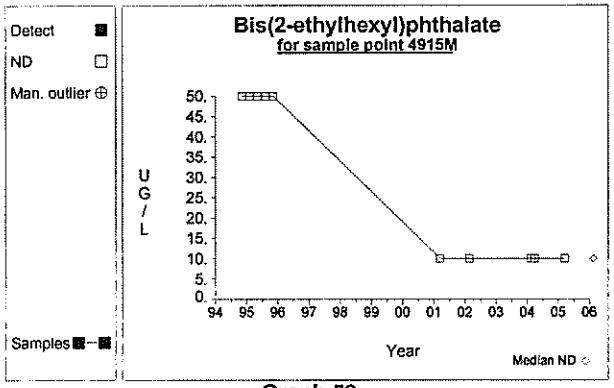
Graph 55



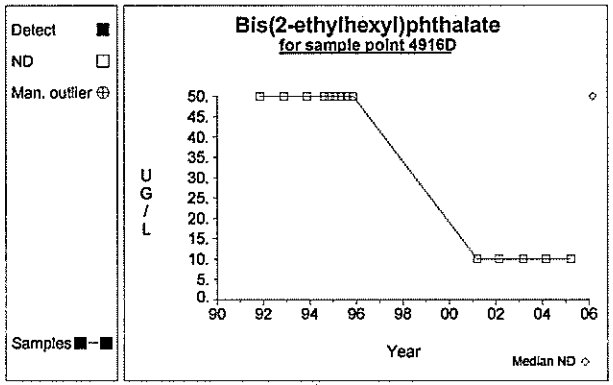
Graph 56



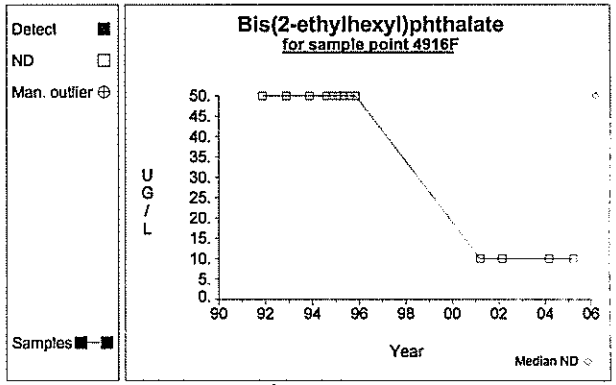
Graph 57



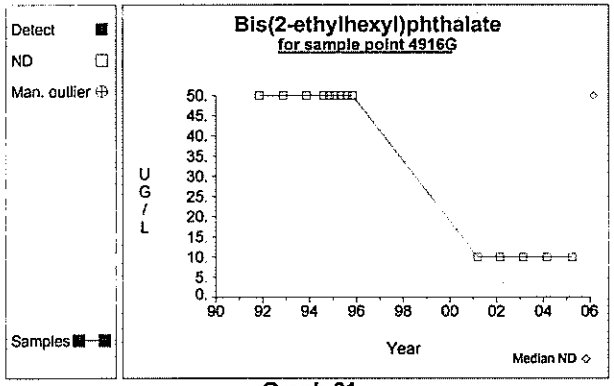
Graph 58



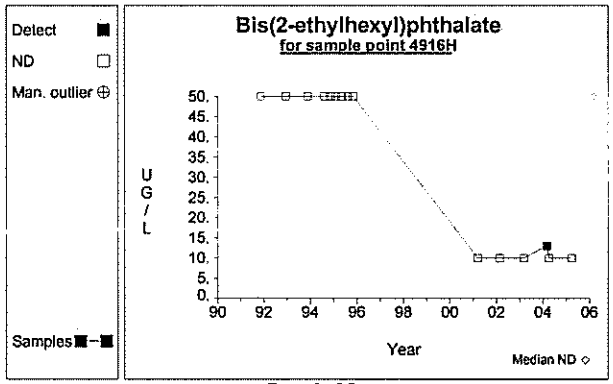
Graph 59



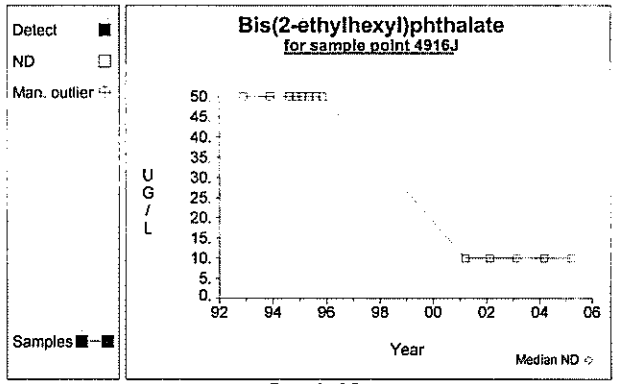
Graph 60



Graph 61

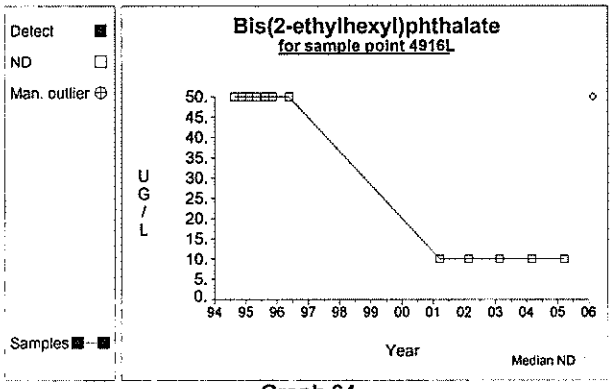


Graph 62



Graph 63

Time Series



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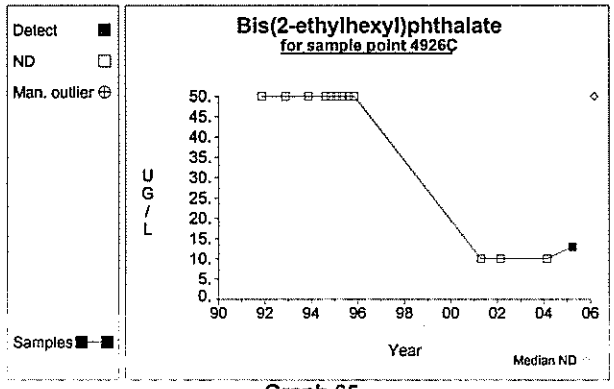
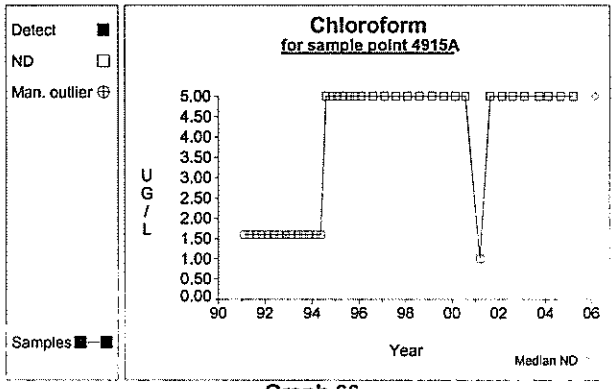


Graph 65



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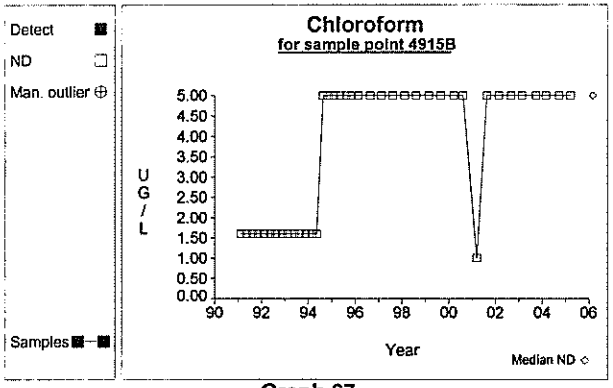
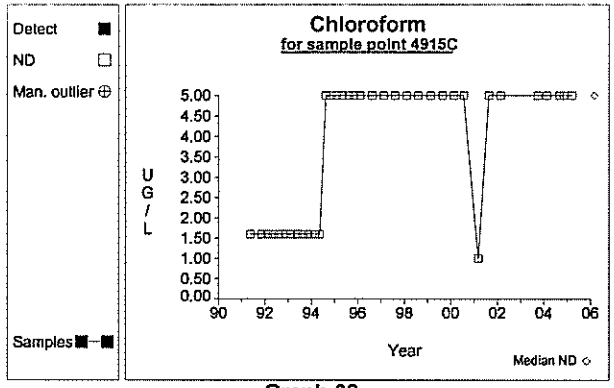
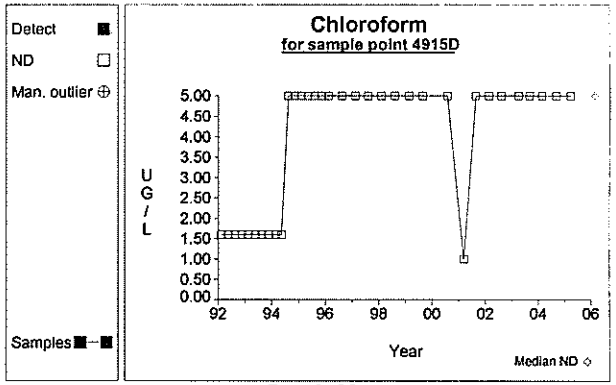


Graph 67



Graph 68



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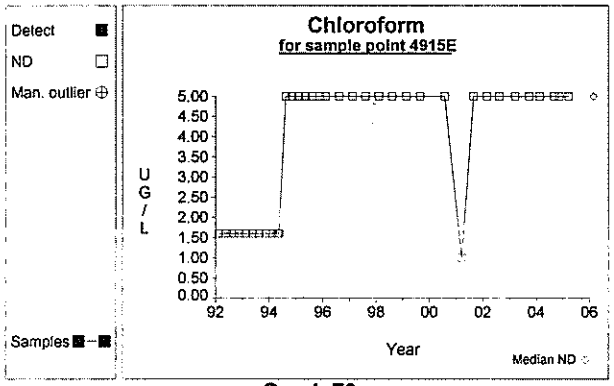
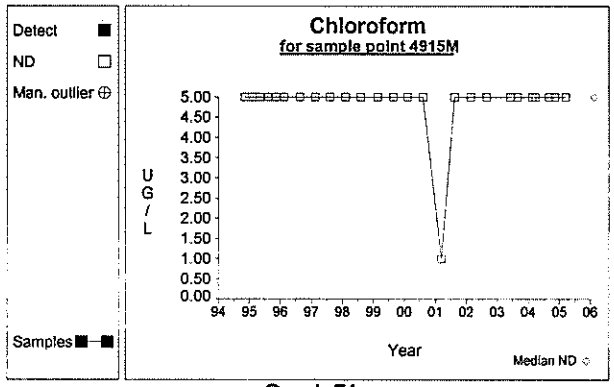


Graph 70



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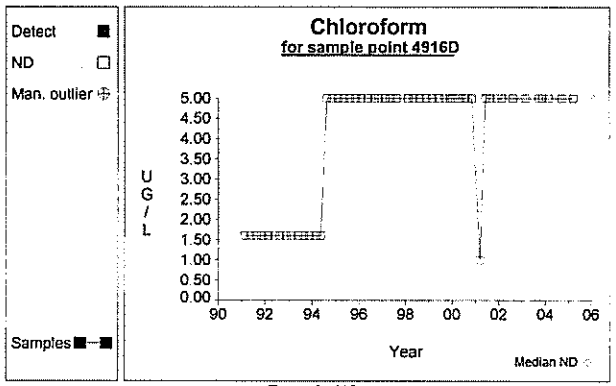
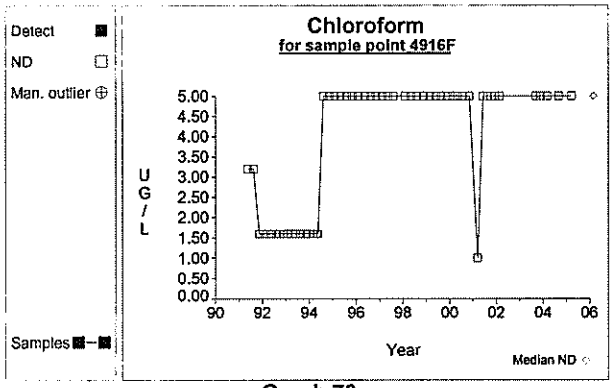
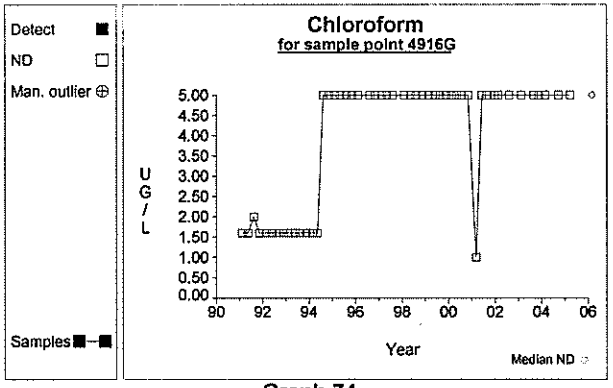


Graph 72

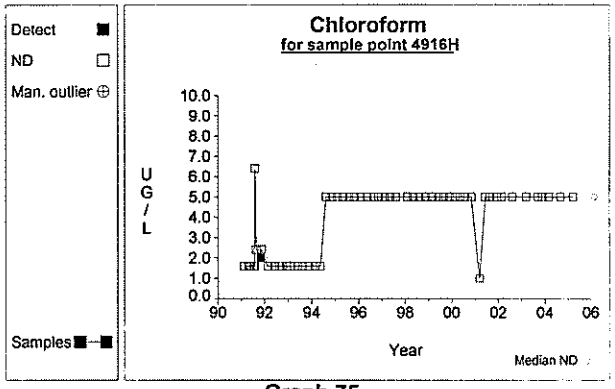
Time Series



Graph 73



Graph 74



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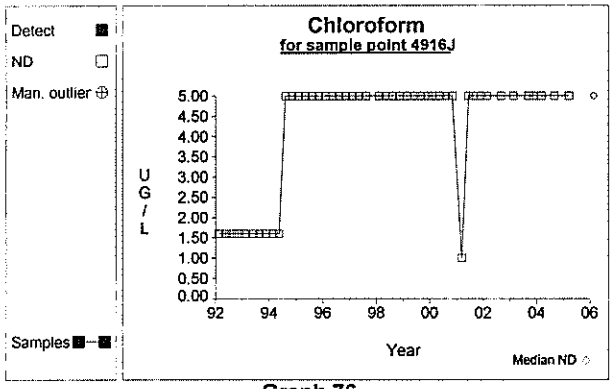

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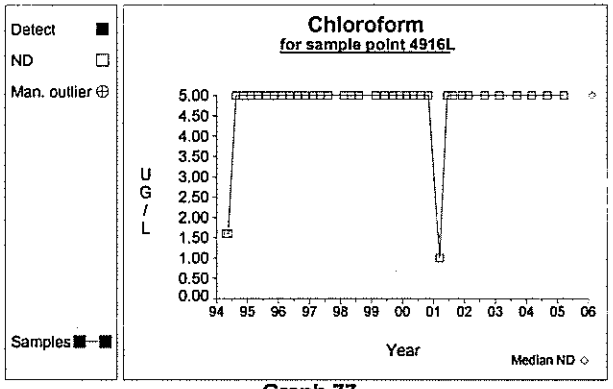

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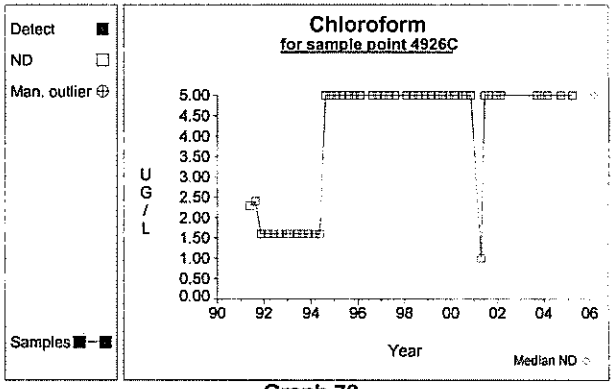

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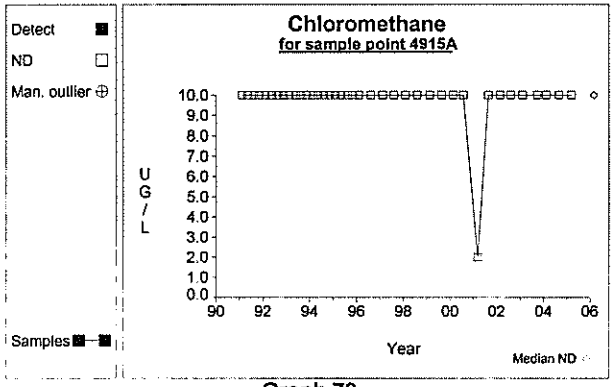
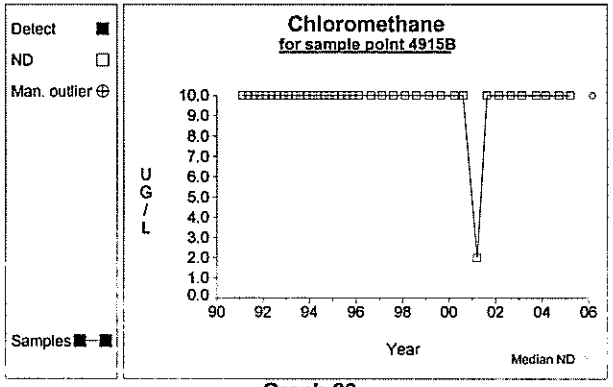


Graph 79



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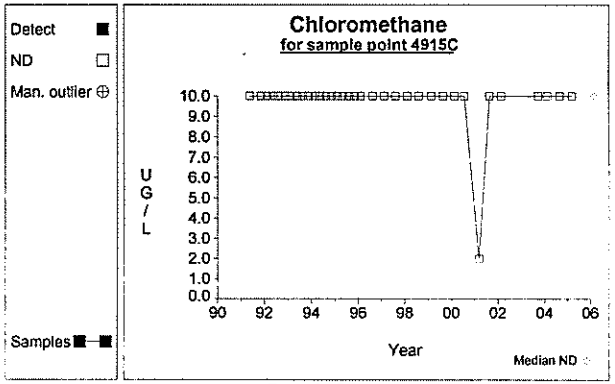
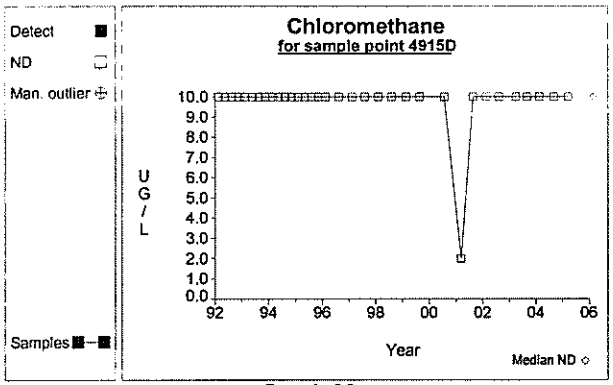
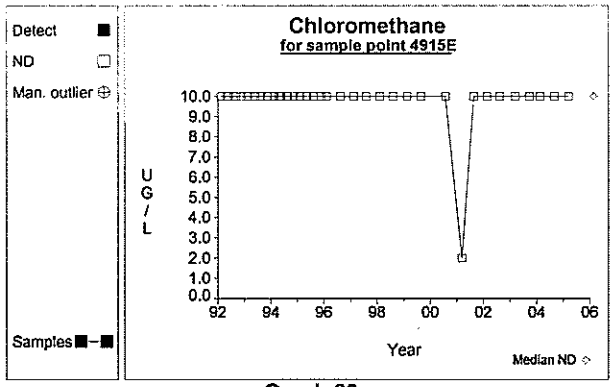


Graph 81

Time Series



Graph 82



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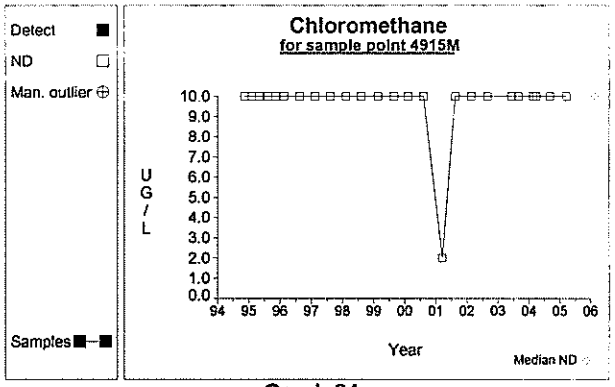

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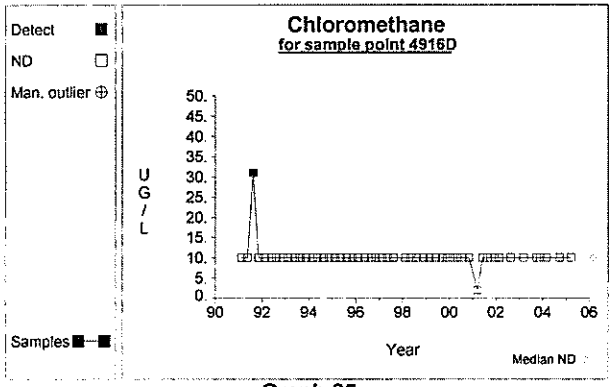

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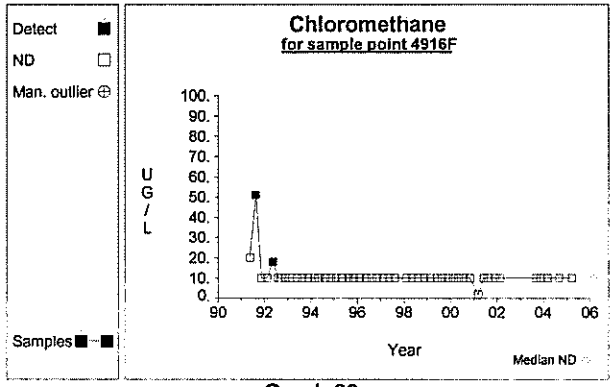

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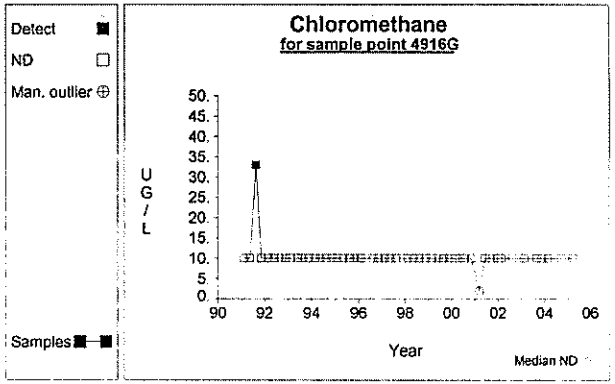

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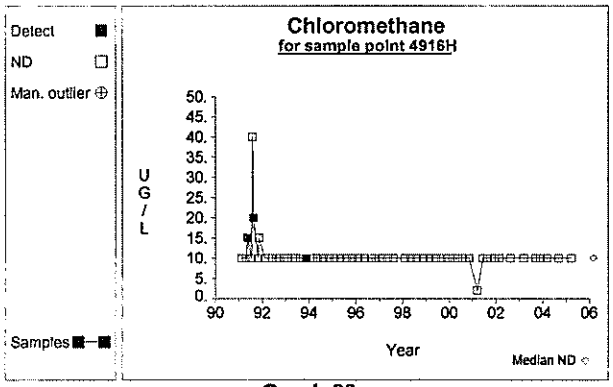

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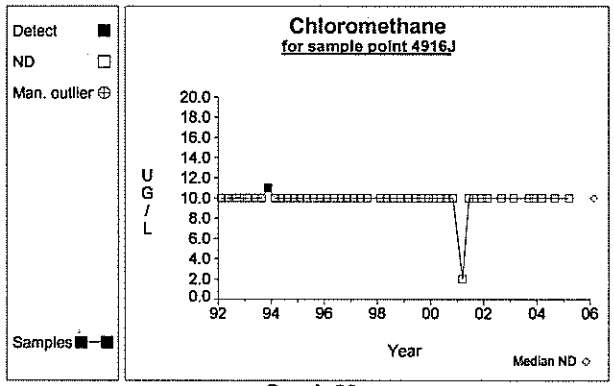

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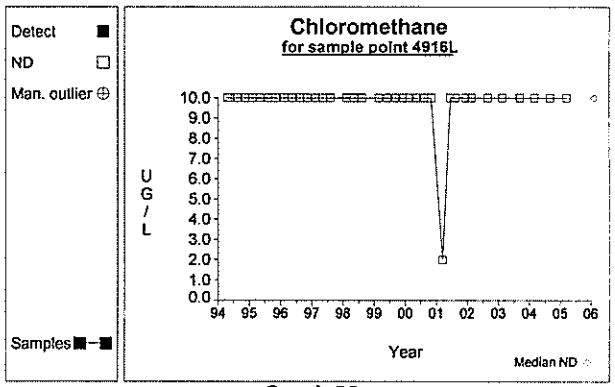
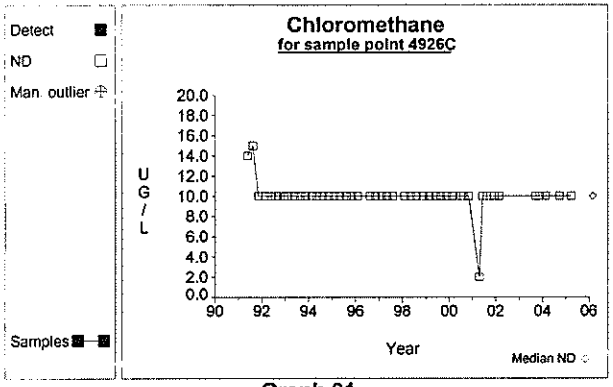


Graph 90

Time Series



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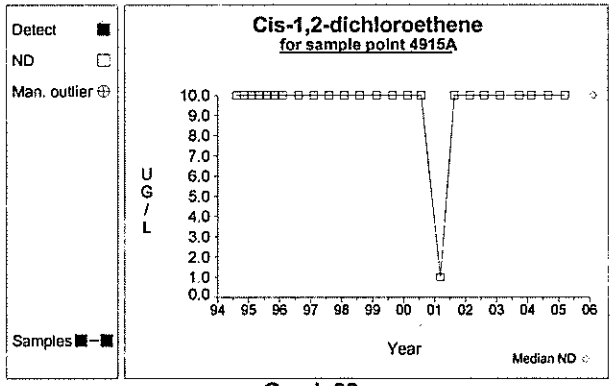

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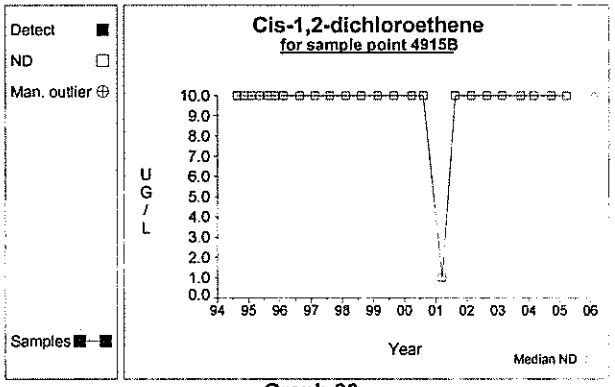

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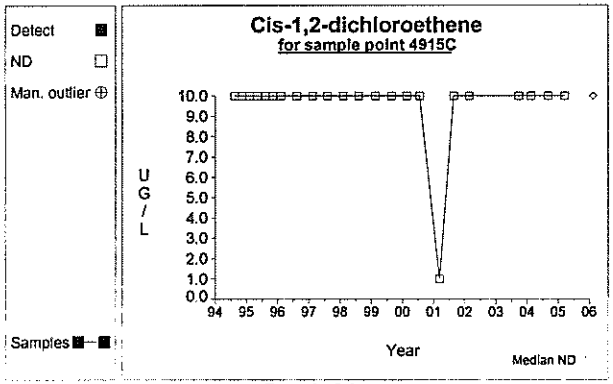

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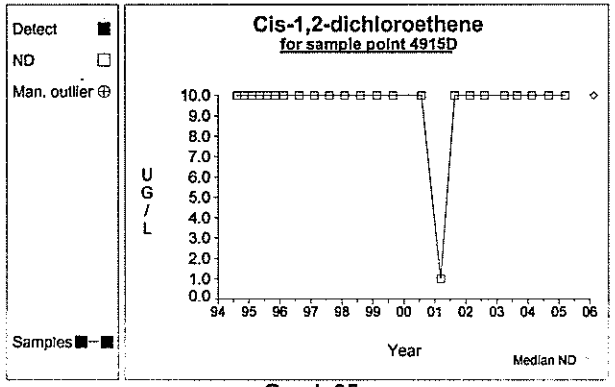

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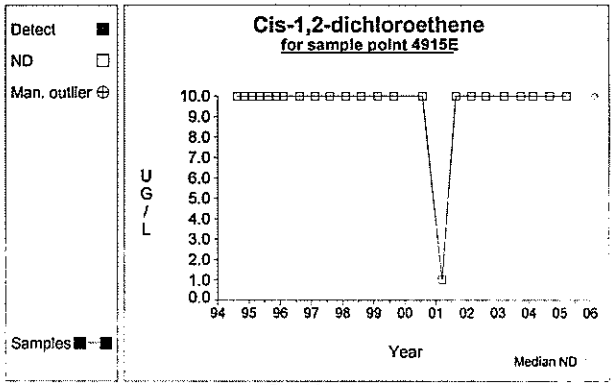

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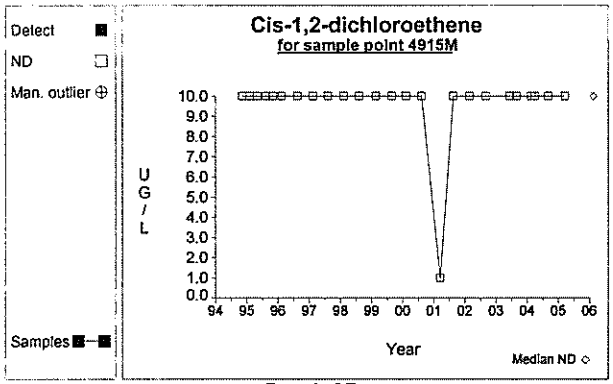

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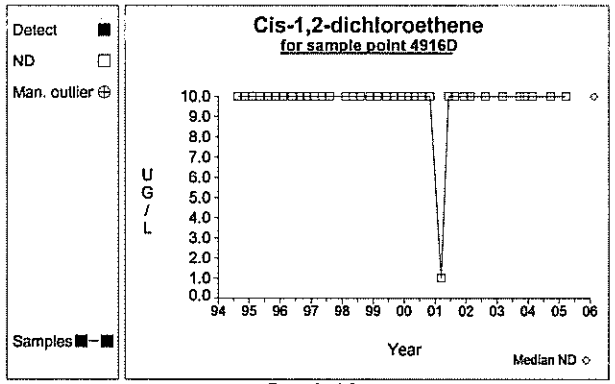
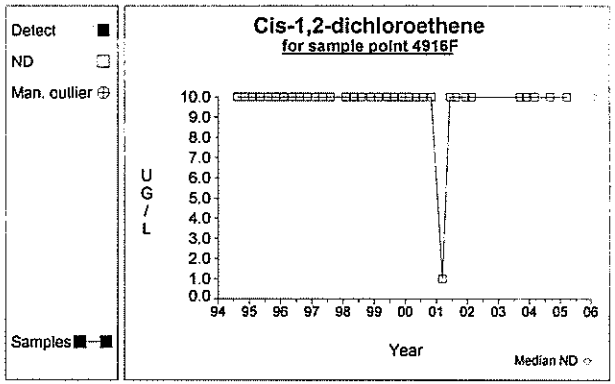
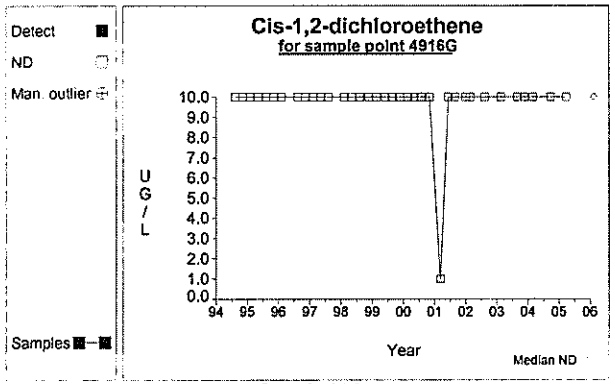


Graph 98

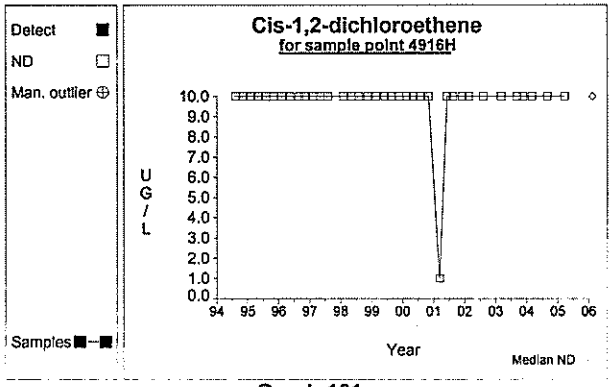


Graph 99

Time Series



Graph 100



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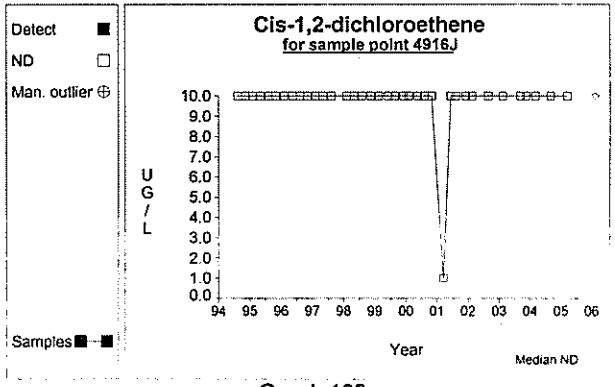

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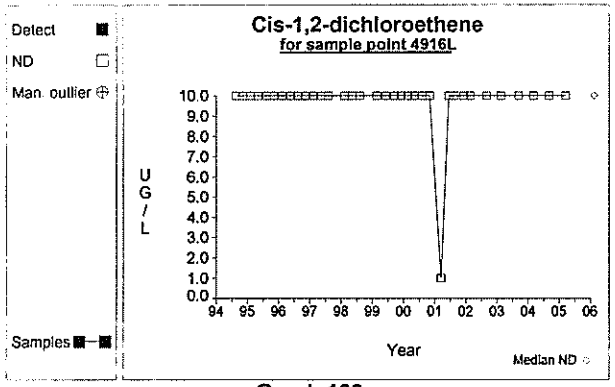

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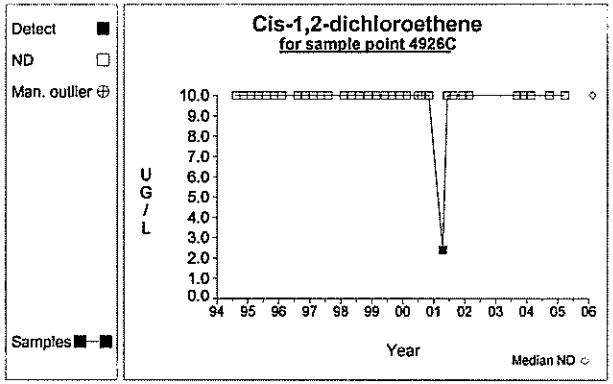

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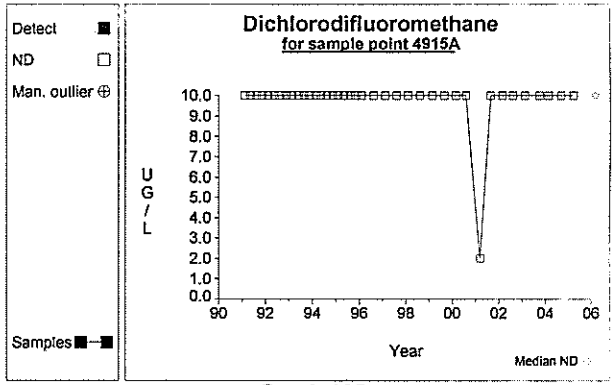

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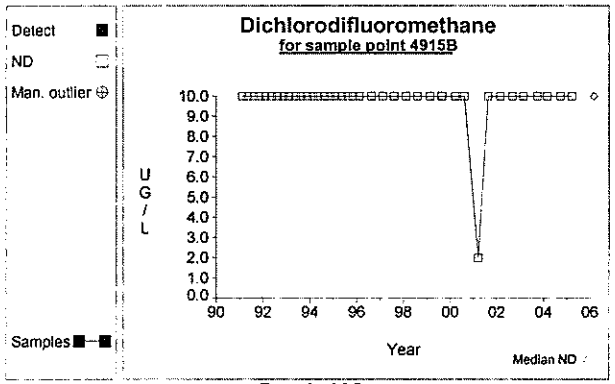

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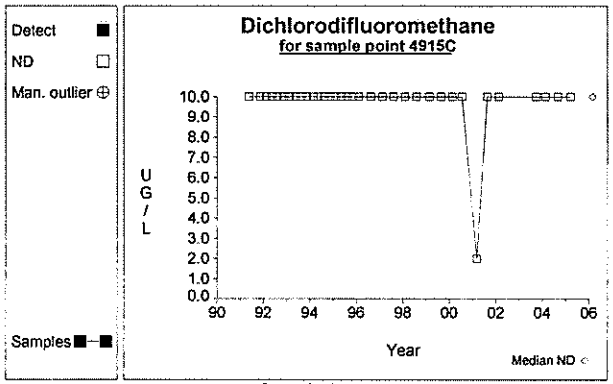

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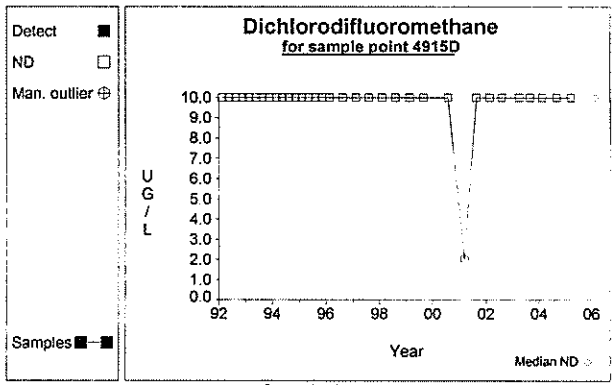
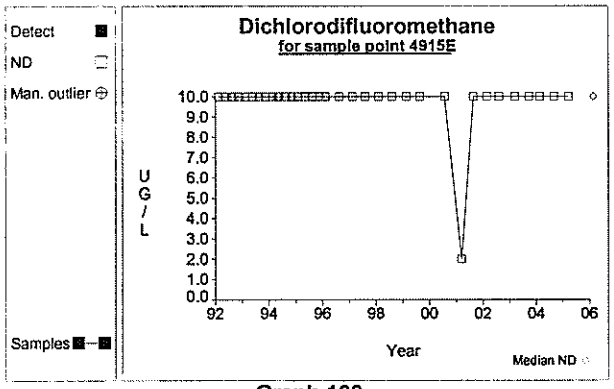


Graph 108

Time Series



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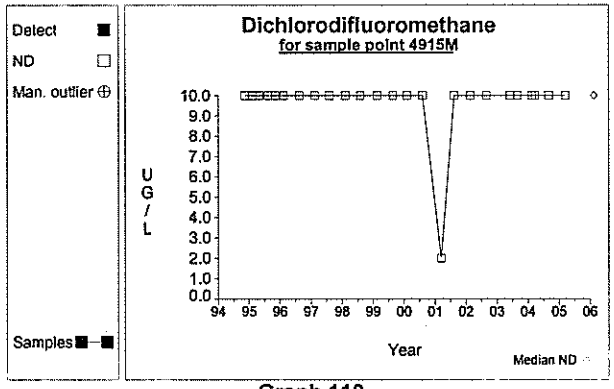

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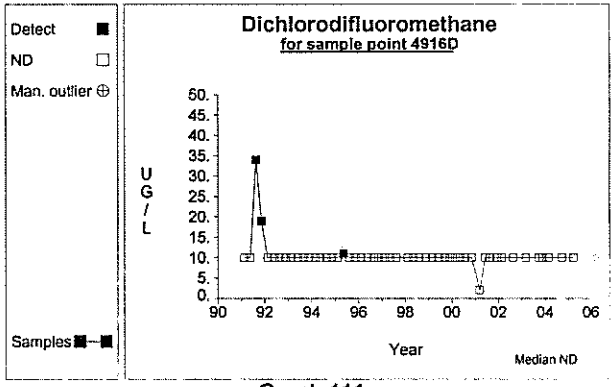

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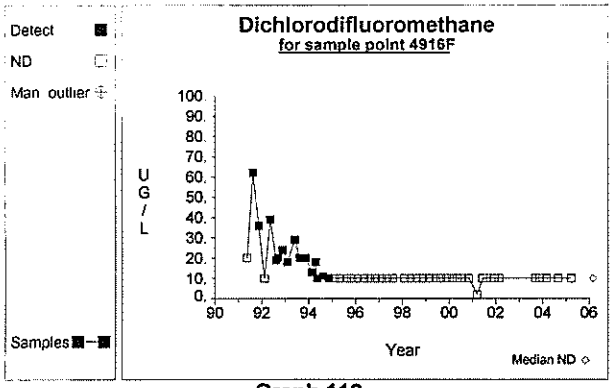
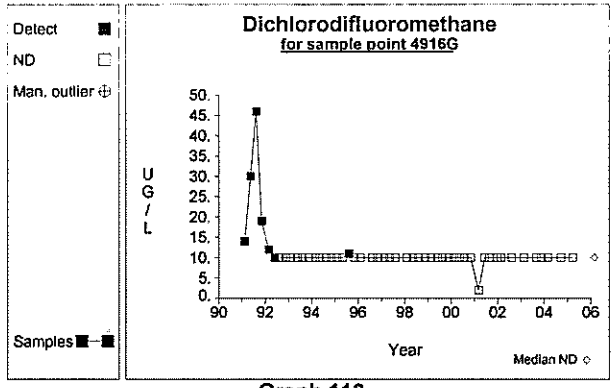
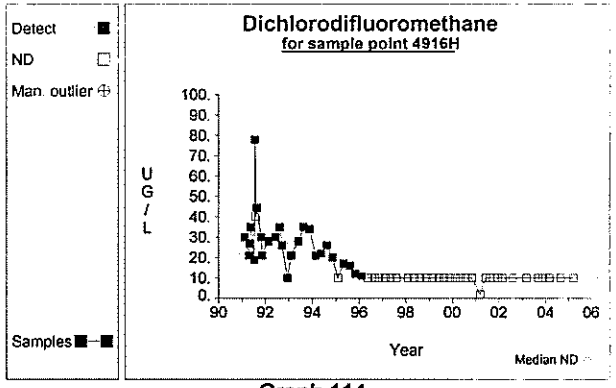


Graph 112



Graph 113



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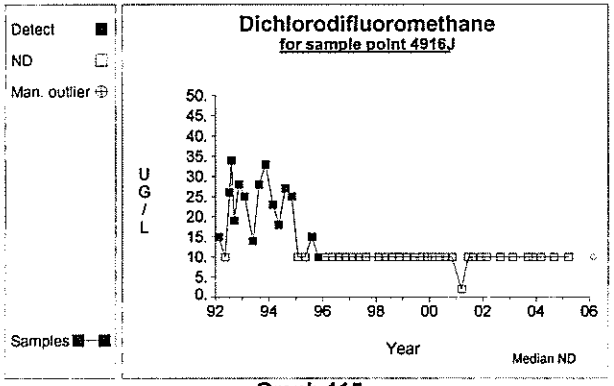
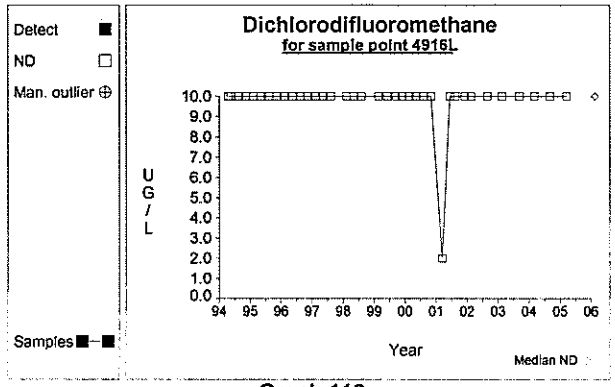
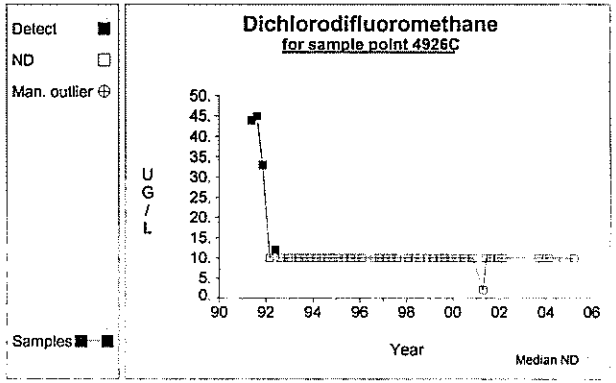


Graph 115

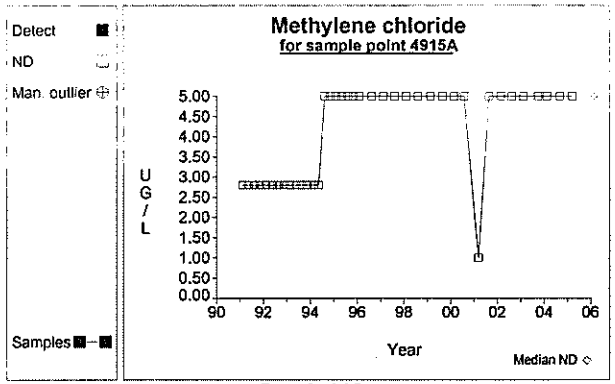


Graph 116

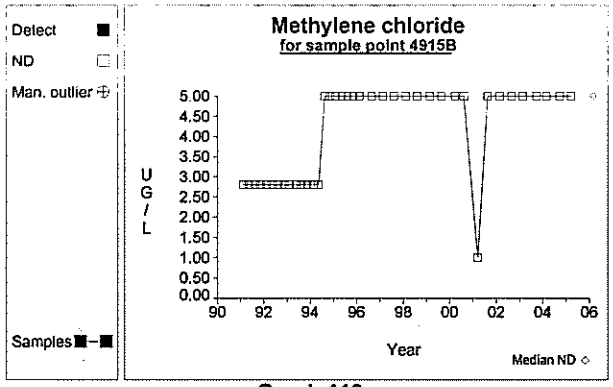


Graph 117

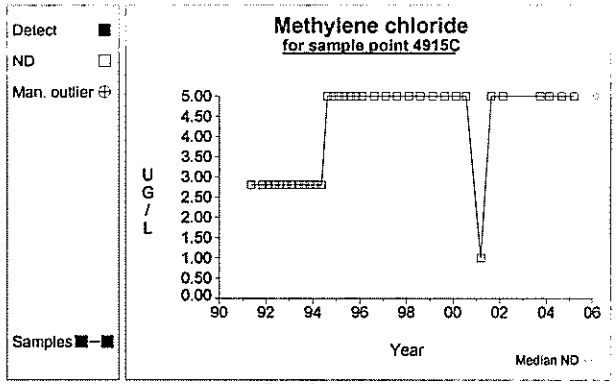
Time Series



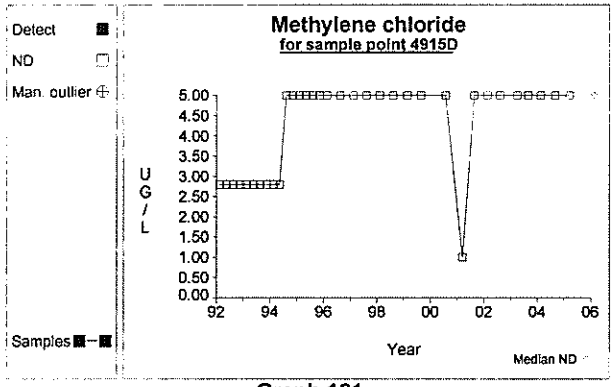
Graph 118



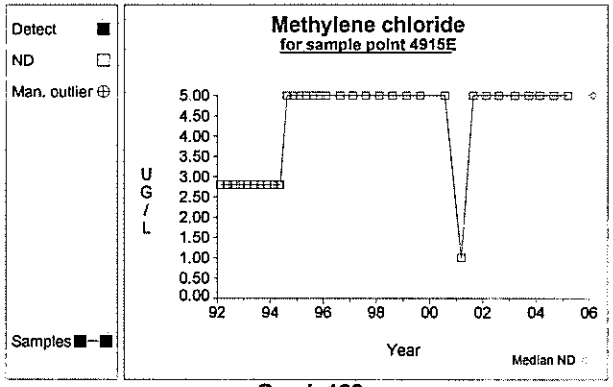
Graph 119



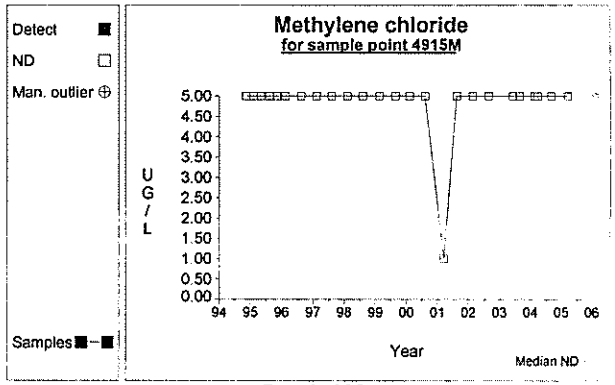
Graph 120



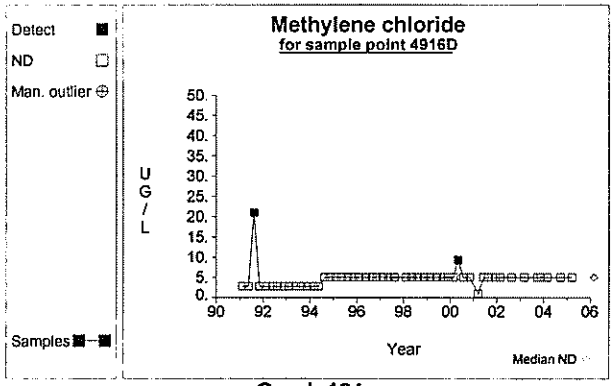
Graph 121



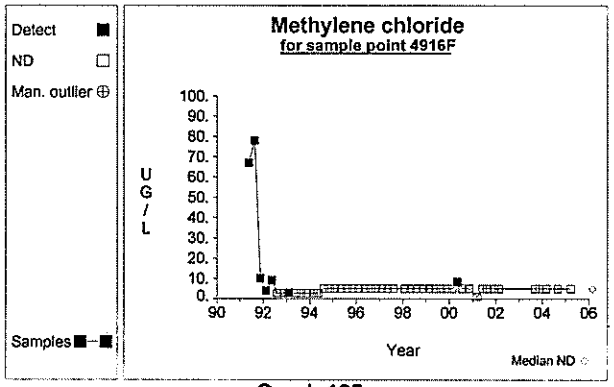
Graph 122



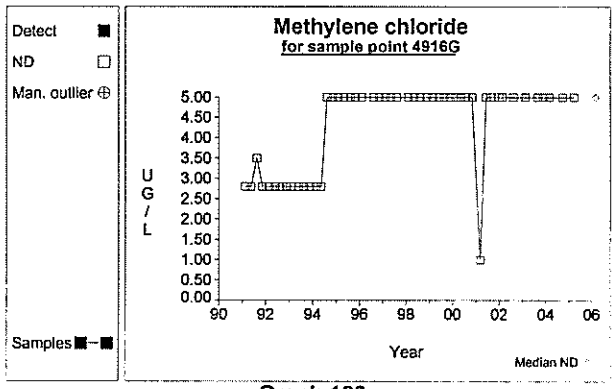
Graph 123



Graph 124

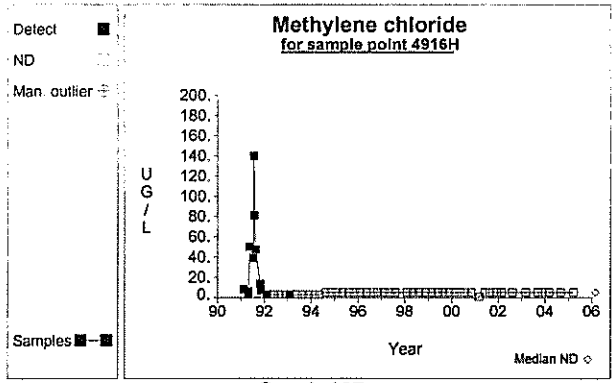


Graph 125

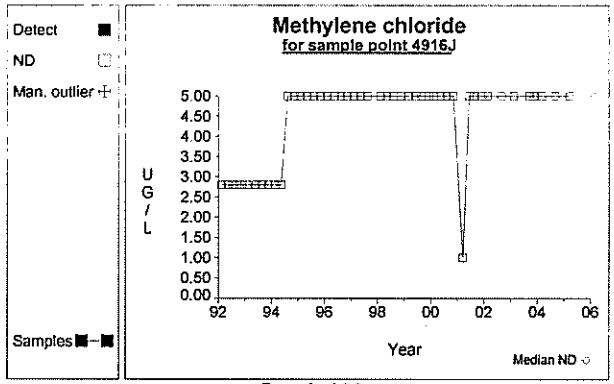


Graph 126

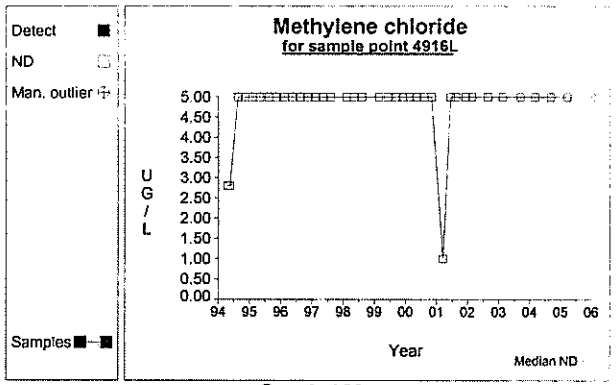
Time Series



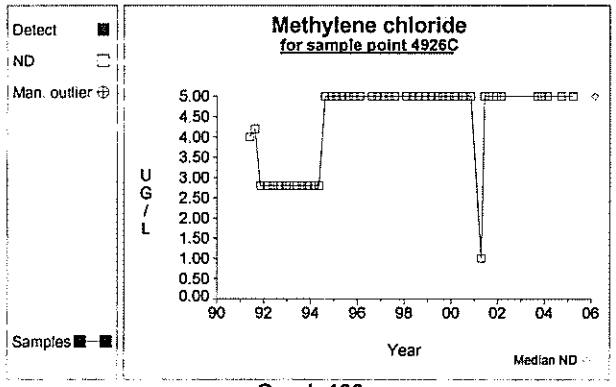
Graph 127



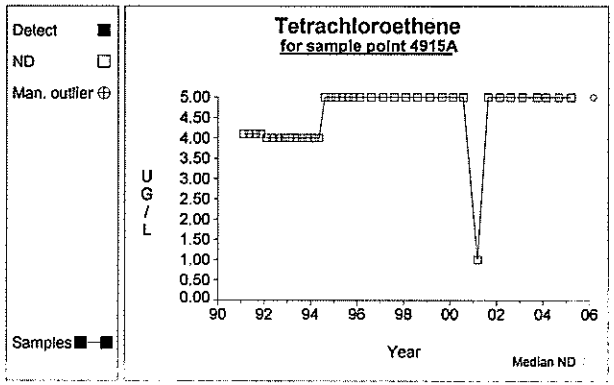
Graph 128



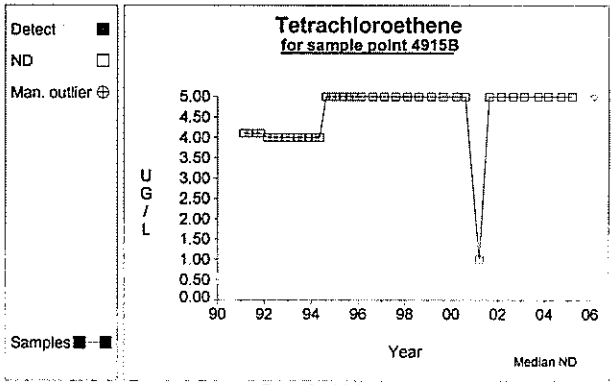
Graph 129



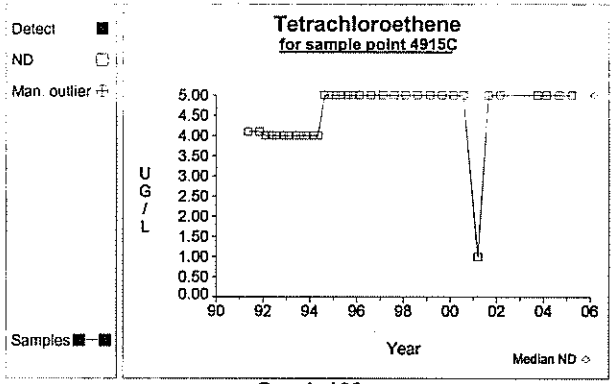
Graph 130



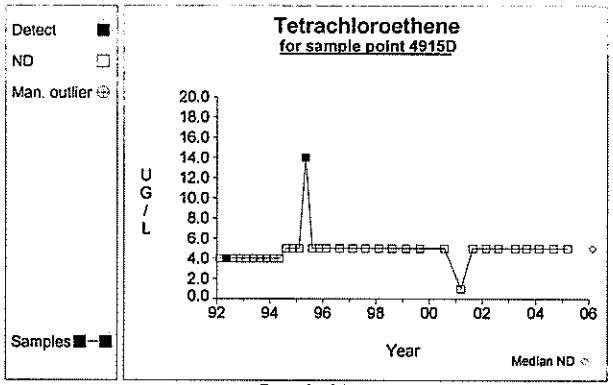
Graph 131



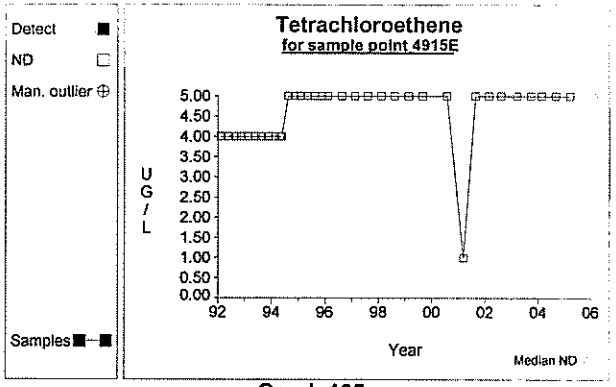
Graph 132



Graph 133

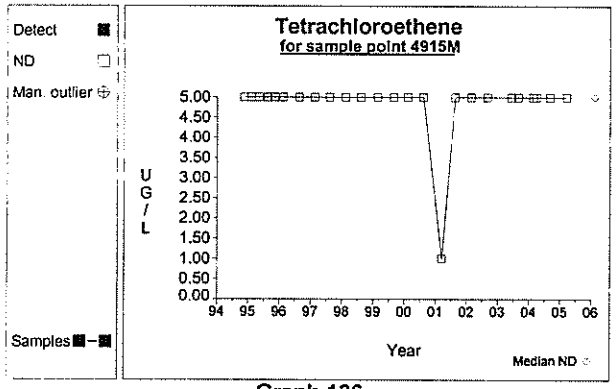


Graph 134

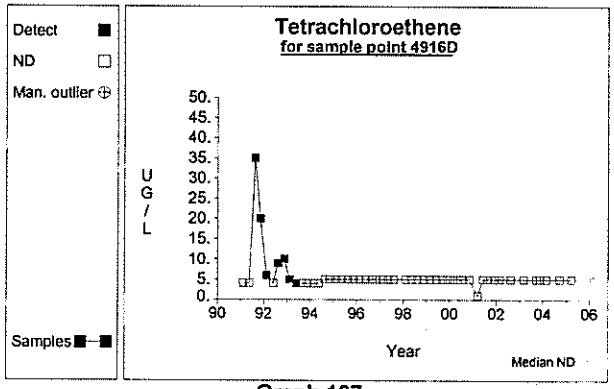


Graph 135

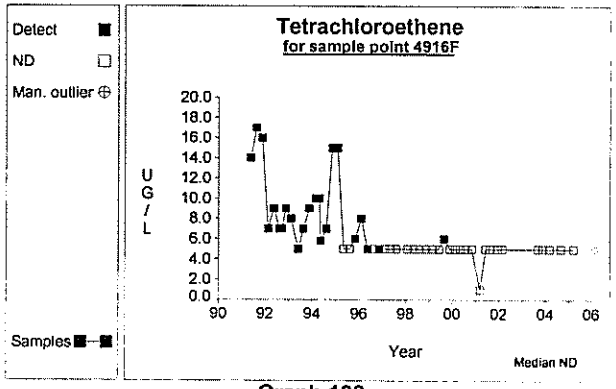
Time Series



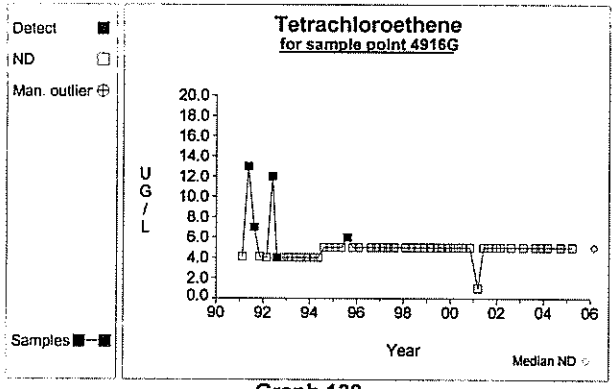
Graph 136



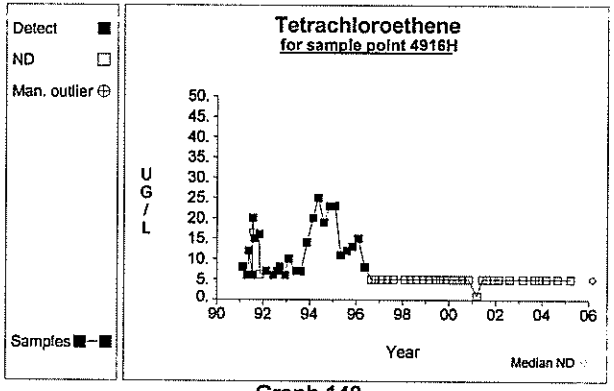
Graph 137



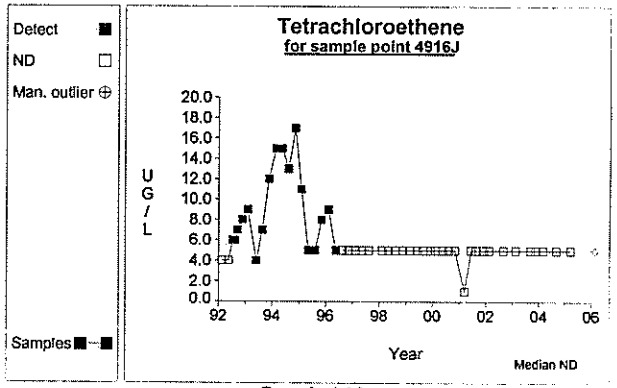
Graph 138



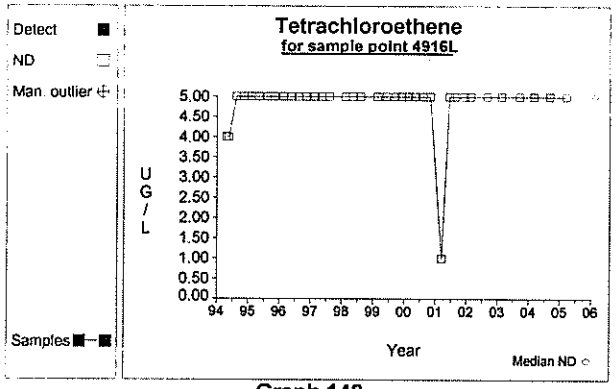
Graph 139



Graph 140



Graph 141



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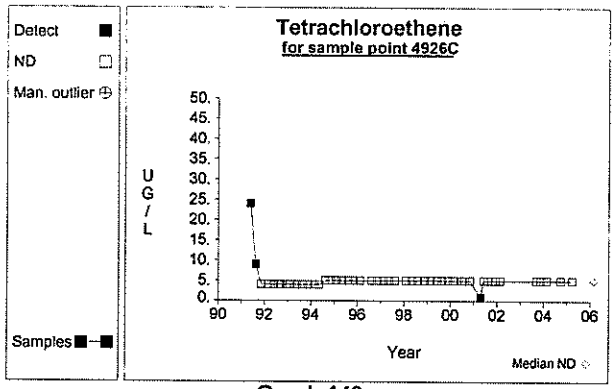
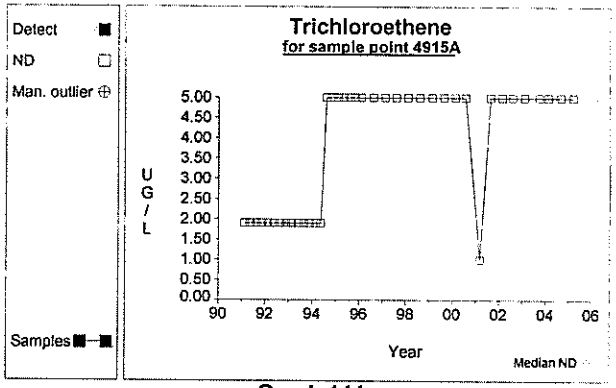
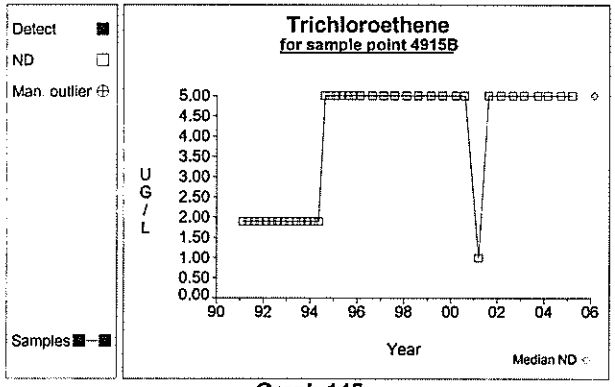


Graph 143

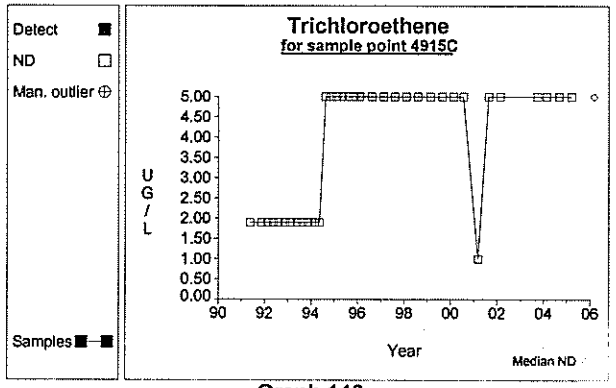


Graph 144

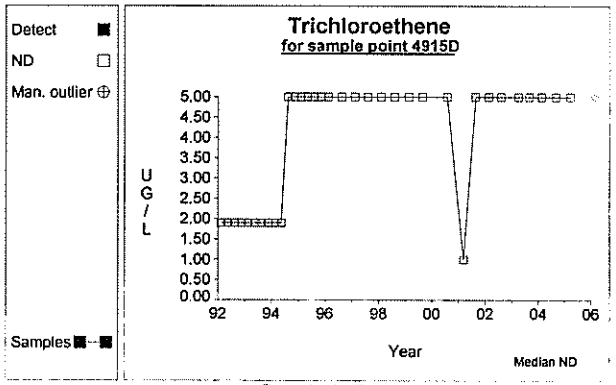
Time Series



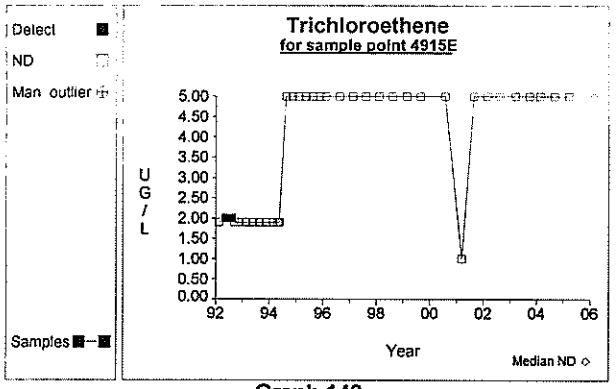
Graph 145



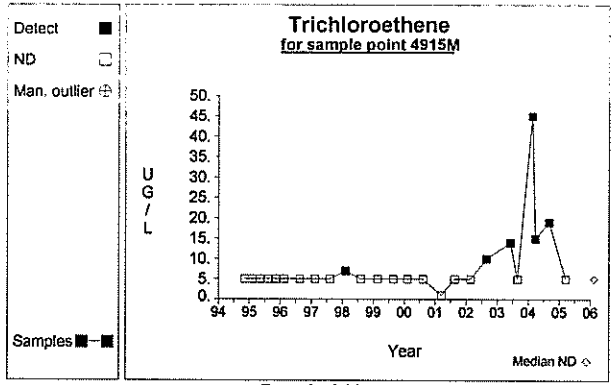
Graph 146



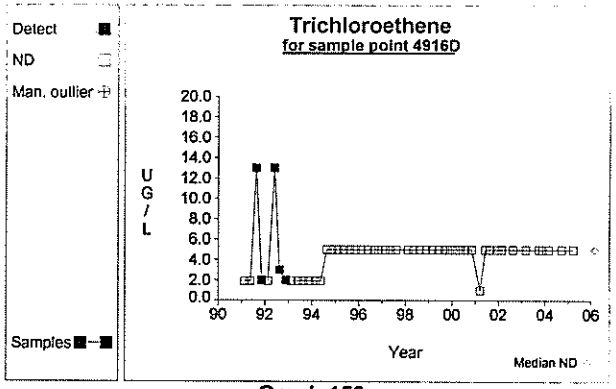
Graph 147



Graph 148



Graph 149



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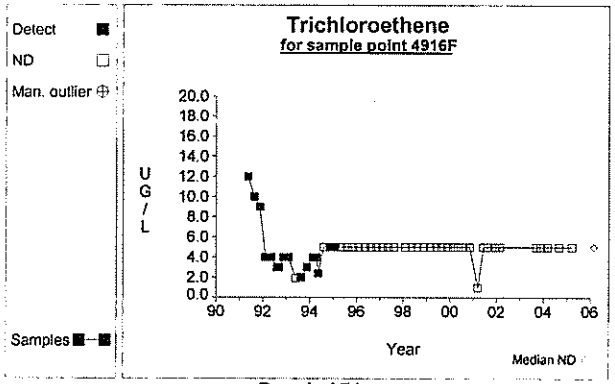
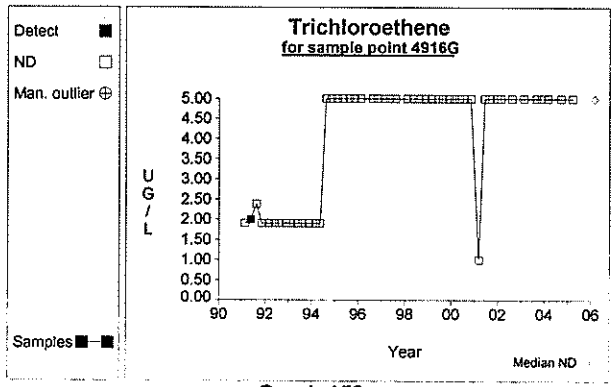


Graph 151



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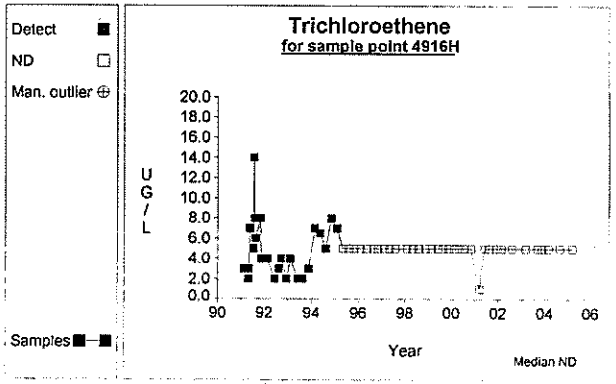
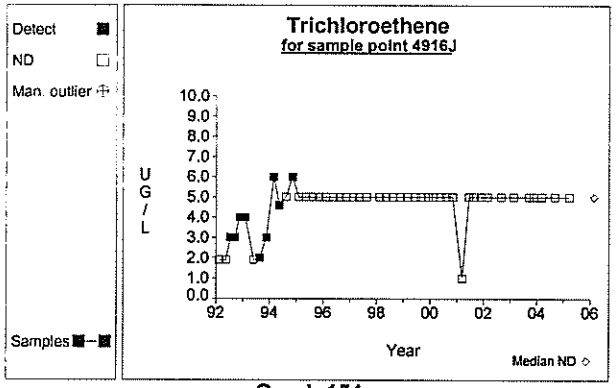
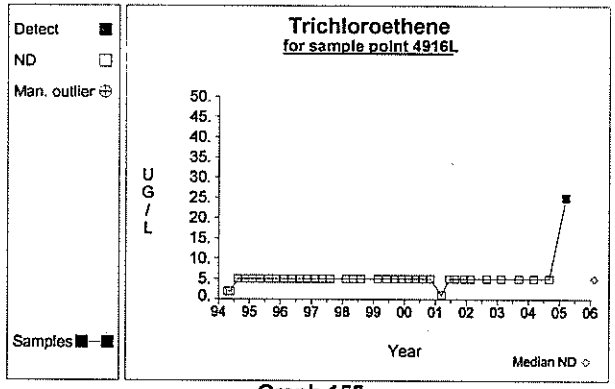


Graph 153

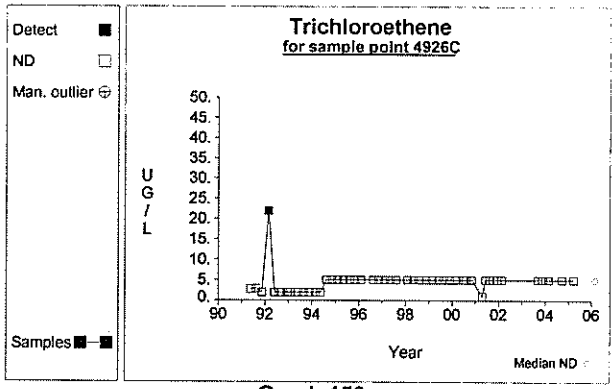
Time Series



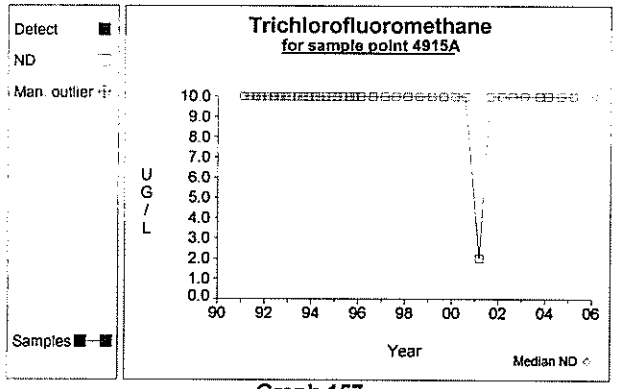
Graph 154



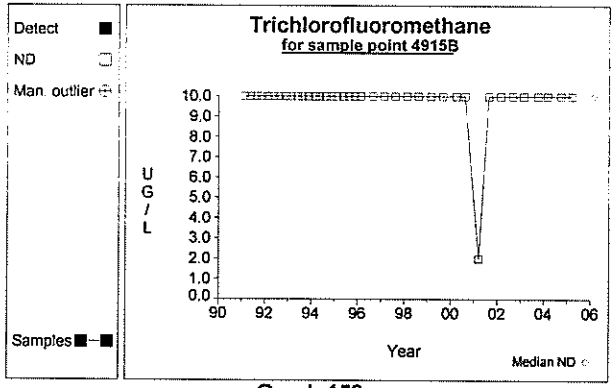
Graph 155



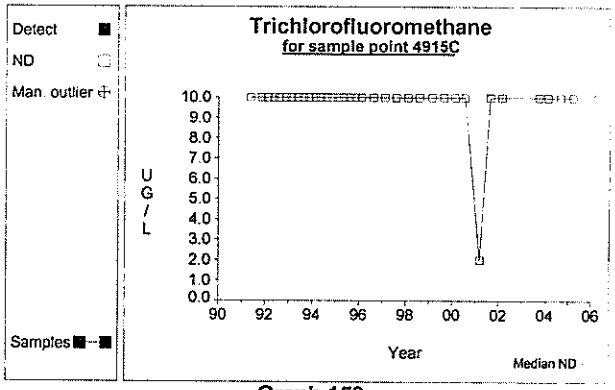
Graph 156



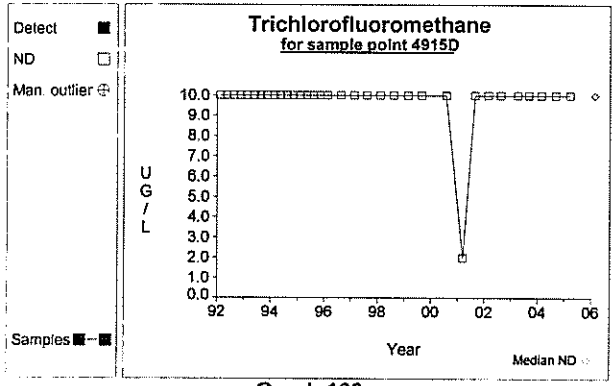
Graph 157



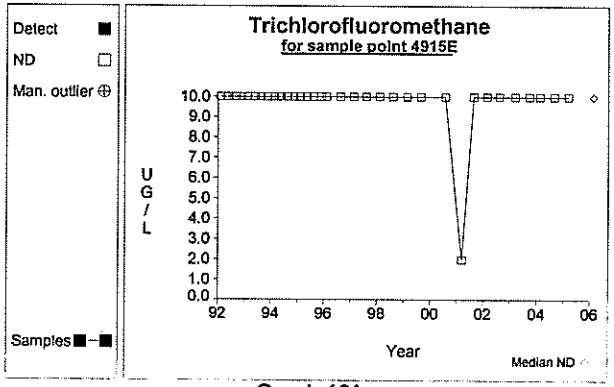
Graph 158



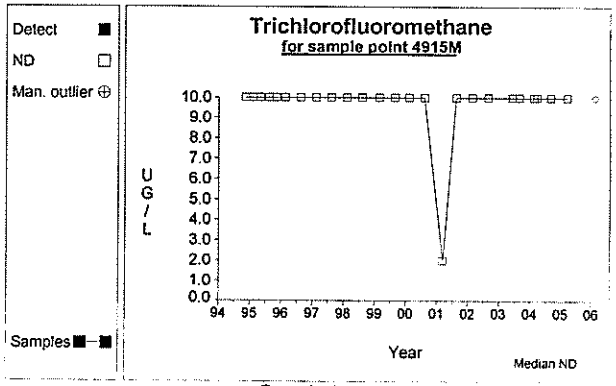
Graph 159



Graph 160

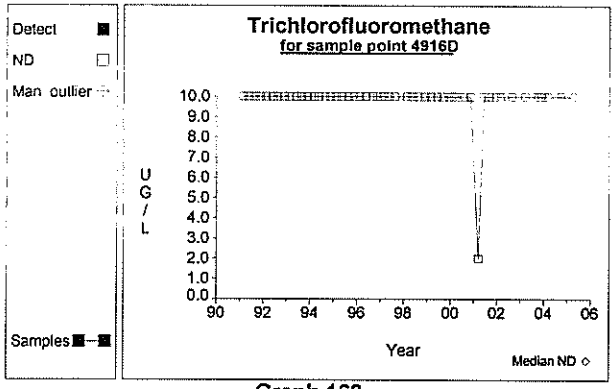


Graph 161

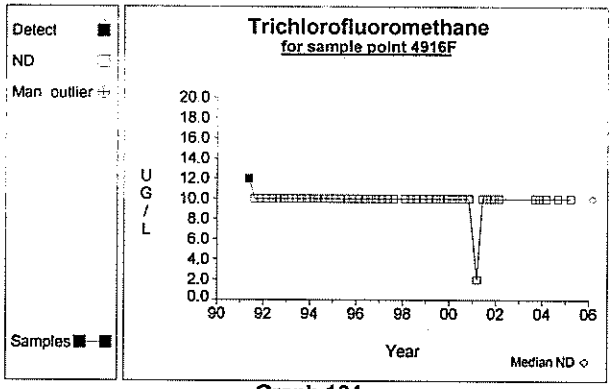


Graph 162

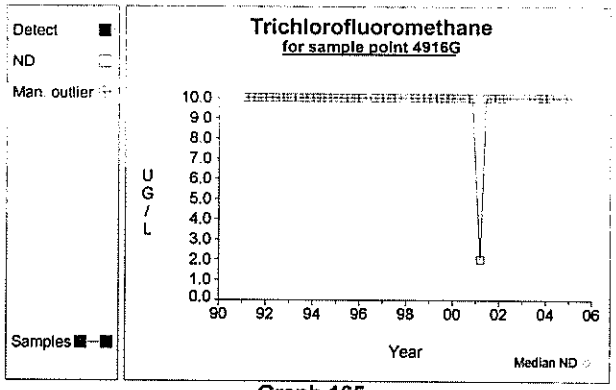
Time Series



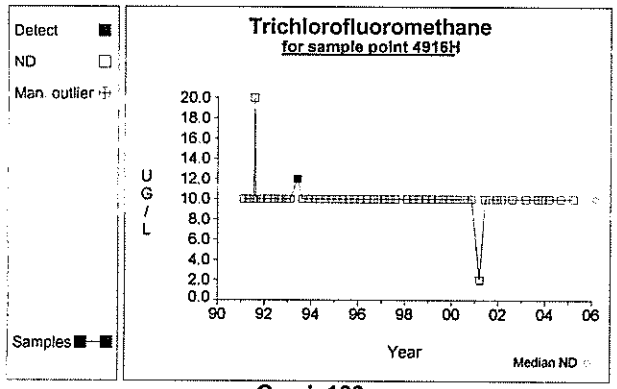
Graph 163



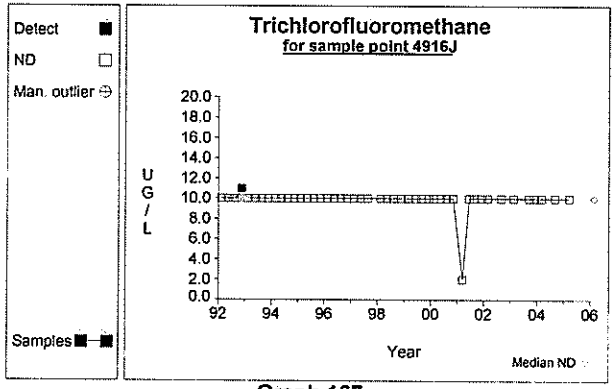
Graph 164



Graph 165



Graph 166



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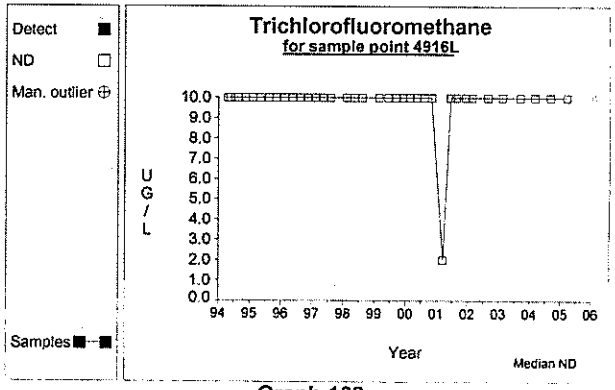
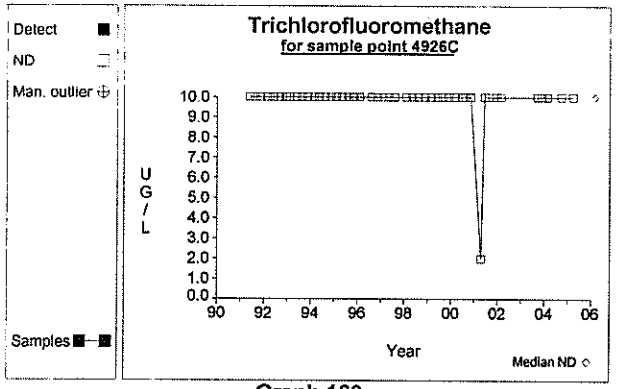
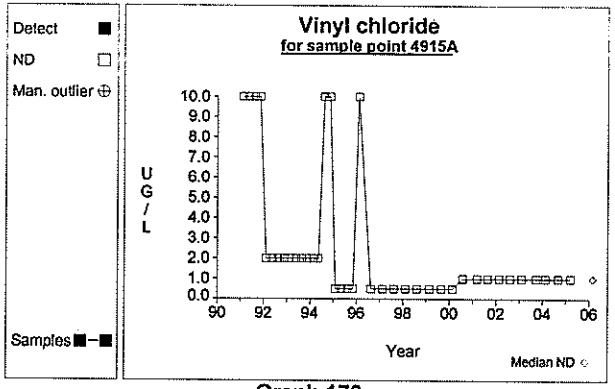


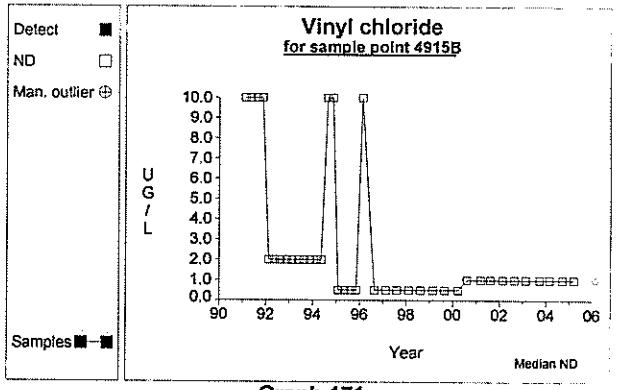
Graph 168



Graph 169

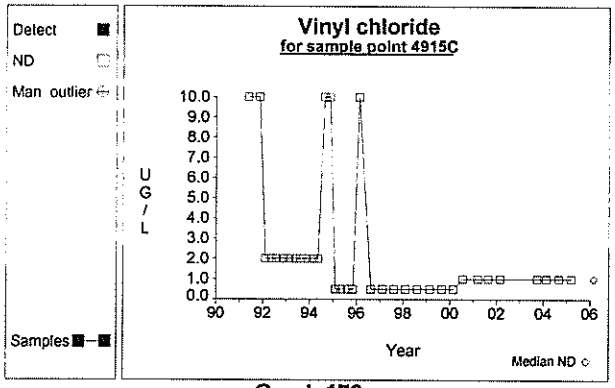


Graph 170

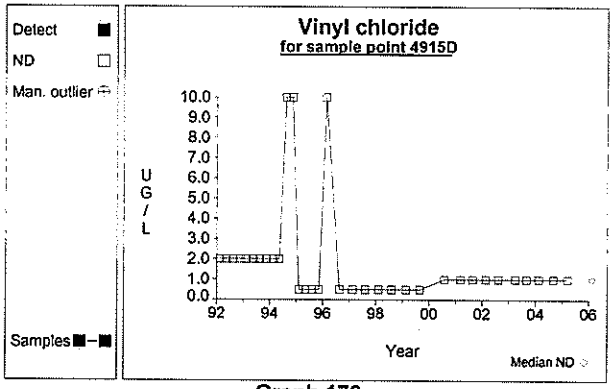


Graph 171

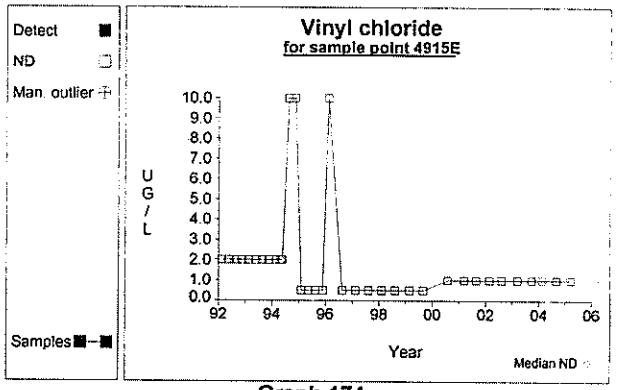
Time Series



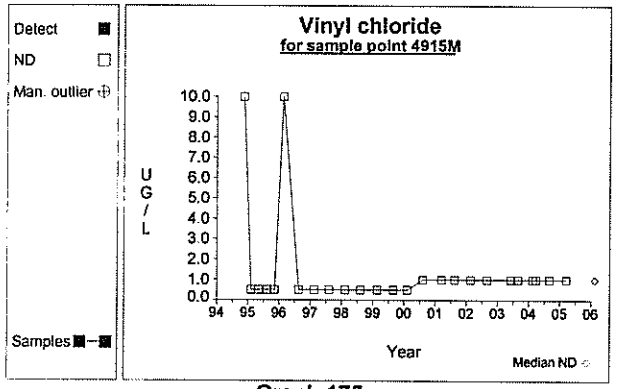
Graph 172



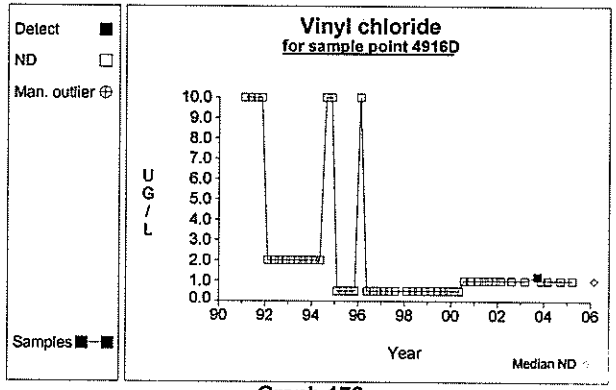
Graph 173



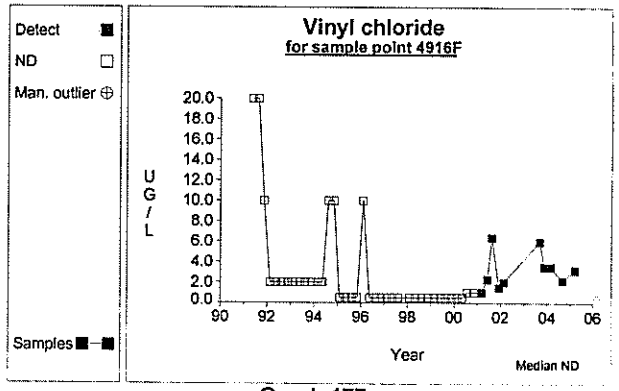
Graph 174



Graph 175



Graph 176



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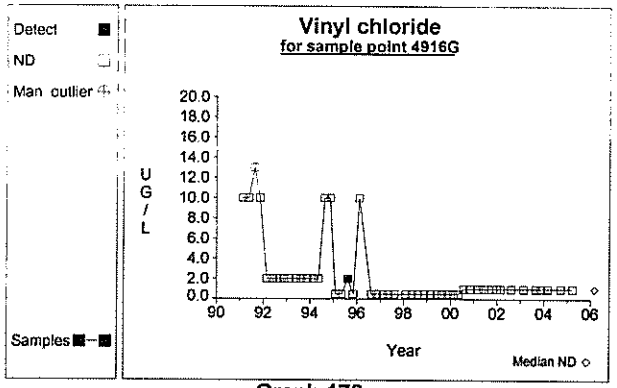
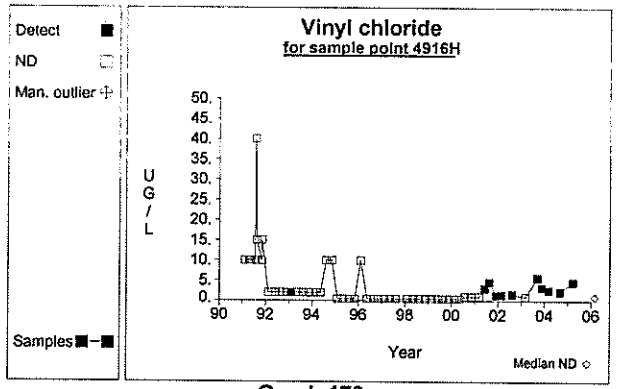
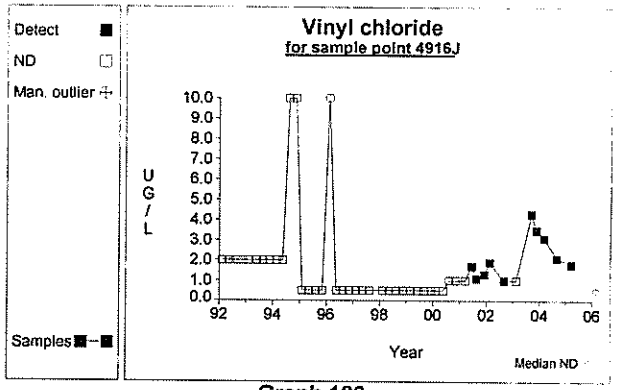


Graph 178

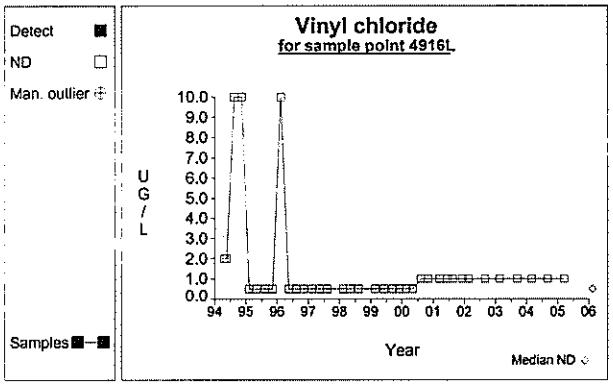


Graph 179

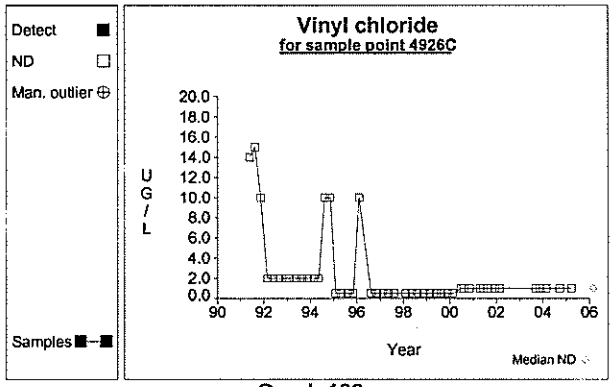


Graph 180

Time Series



Graph 181



Graph 182

Appendix G

Unclaimed Unacceptable Materials Disposal Facilities

A.E.T.S. WIP Report By Generator # - Summary 1/23/02 15:56:19 Page 1

Generator : 419640 EPA ID : CAD98240937

BRADLEY LANDFILL AND RECYCLE
9227 TUJUNGA AVENUE
SUN VALLEY CA 91352-

WIP #	Waste Name	Recert Due	Status	Approval Code	Facility	App Exp Date
195330	PACKED LAB CHEMICALS		G	TWIBQ8500	TWI	8/14/02
195330	PACKED LAB CHEMICALS		G	TWIBM8244	TWI	2/03/05
195330	PACKED LAB CHEMICALS		G	LP-OSCNCNR3ACT	OSC	12/15/02
195330	PACKED LAB CHEMICALS		G	LP-ALL	TWI	7/27/02
195330	PACKED LAB CHEMICALS		G	LP-FLP	TWI	7/27/02
195330	PACKED LAB CHEMICALS		G	LP-ALL	TWI	7/27/02
195330	PACKED LAB CHEMICALS		G	FUEL05	OSC	2/01/01
195832	SOLID FUELS	11/15/01	G	AZU-DUMPO	OSC	1/12/03
195832	SOLID FUELS	11/15/01	A	OSCC51883	OSC	11/16/02
197112	MINERAL SPIRITS		G	KHEAJ4235	KHF	11/05/02
197323	EMPTY CONTAINERS		D	LAND01	OSC	3/01/01
197323	EMPTY CONTAINERS		G	KHF-DEBRIS(NS)	OSC	12/01/02
197323	EMPTY CONTAINERS		G	LPK-PAINT(NS)	OSC	12/01/02
197325	PAINT RELATED MATERIAL	6/14/03	D	AZU-FUEL>10	OSC	12/01/02
197325	PAINT RELATED MATERIAL	6/14/03	G	AZU-FUELSLDGE	OSC	12/05/02
197325	PAINT RELATED MATERIAL	6/14/03	G	KHEDD4903	KHF	5/07/01
197326	SOIL WITH HYDROCARBONS		G	LAND01	OSC	3/01/01
197326	SOIL WITH HYDROCARBONS		G	KHEDD4903	KHF	5/07/01
267468	DEBRIS/SOIL WITH OIL,DIESEL FUEL	6/14/03	G	KHF-DEBRIS(NS)	OSC	12/01/02
267468	DEBRIS/SOIL WITH OIL,DIESEL FUEL	6/14/03	G	TWIAEROC1	TWI	7/01/02
267469	AEROSOLS, FLAMMABLE	1/09/02	G	LPK-AEROSOL(NS)	TWI	7/30/02
267469	AEROSOLS, FLAMMABLE	1/09/02	A	KBI10112	KBI	3/26/00
269235	NICKEL CADMIUM BATTERIES	12/16/99	G	KBI813	KBI	11/26/04
269235	NICKEL CADMIUM BATTERIES	12/16/99	A	KHF10344	KHF	8/19/00
329594	SODIUM HYDROXIDE POWDER CRYSTALIZED		G	KHEDD4904	KHF	3/05/00
423798	CONDENSATE FILTERS		A	KHEDZ0660	KHF	1/28/00
423824	SILICA	9/03/01	A	OSC430938	OSC	9/08/01
430938	WASTE OIL, WATER, GREASE	9/03/01	G	REC-WATER	OSC	10/01/02
430938	WASTE OIL, WATER, GREASE	1/13/01	G	BDTCYL-2	BDT	12/31/02
453933	HYDROGEN CHLORIDE, ANHYDROUS	6/14/03	D	TWIPA1001	TWI	3/06/02
453956	LATEX PAINT WITH SOLIDS	6/14/03	D	LPK-PAINT(NS)	OSC	12/01/02
453956	LATEX PAINT WITH SOLIDS	6/14/03	G	KHEDD2307	KHF	8/21/02
453956	LATEX PAINT WITH SOLIDS	4/24/02	G	TWICYG002	TWI	9/26/03
499831	CYLINDER	5/17/03	G	EAI224971	EAI	7/01/02
521481	POLYMERIC ISOCYANATE AND FLUOROCARBONS		A	OSCAJ4335	OSC	12/07/96
988469	WASTE OIL NBR		A	OSCAK5130	OSC	3/06/96
988470	PETROLEUM PRODUCTS AND WATER		G	AZU-FUEL>10	OSC	12/01/02
988471	USED OIL	6/14/03	A	OSCAO5011	OSC	2/10/97
988472	CONTOL (TRADE NAME) VIRGIN		A	OSCBC2440	OSC	2/05/95
988473	TRANSFORMERS WITH NON-PCB OIL		A	OSCBC2453	OSC	4/26/95
988474	DECTEC (NONIONIC SURFACE		G	OSCBC2453	OSC	4/26/95
988475	FLAMMABLE LIQUIDS PAINT					
988476	LAB PACK DECANT		A	TWIBC2747	TWI	8/02/95
988477	LAB PACK (HPM)		A			10/04/95
988479	RUST INHIBITOR		A	OSCBC5722	OSC	4/26/97
988480	LAB PACK (HPM)					
988482	OIL CONTAMINATED SOIL					

The Bulk of your waste is shipped Direct to the OSC (Azusa) facility. We then manifest it to the Final destination.

These are the Facility Codes on the Following 4 pages are the detail information on these facilities. If you need additional info. please call me

Display Treatment Facility

Facility Code KBI

Approval Status: Approved (A)
Treatment Type : Haz Waste & All (H)

EPA ID CAD088504881

Name KINSBURSKY BROTHERS, INC.

Formal Name KINSBURSKY BROTHERS, INC.

Address 1314 N. ANAHEIM BLVD.

ANAHEIM CA 92801

Contact AARON ZISMAN

Phone 714) 738-8516 **Fax** 714) 441-0857

F3=Exit F14=Display Treatment Tech F20=State Reg#

Display Treatment Facility

Facilty Code BDT

Approval Status: Approved (A)
Treatment Type : Haz Waste & All (H)

EPA ID NYD000632372

Name SAFETY-KLEEN (BDT), INC

Formal Name SAFETY-KLEEN (BDT), INC.

Address 4255 RESEARCH PKWY.

CLARENCE NY 14031

Contact NANCY BEEBE

Phone 716) 759-2868 **Fax** 716) 759-6034

F3=Exit F14=Display Treatment Tech F20=State Reg#

Display Treatment Facility

Facility Code EAI

Approval Status: Approved (A)
Treatment Type : Haz Waste & All (H)

EPA ID ARD069748192

Name ENSCO INC.

Formal Name ENSCO INC.

Address 309 AMERICAN CIRCLE

EL DORADO AR 71730

Contact MOLLY ZEIGLER

Phone 870) 863-7173 **Fax** 870) 864-3627

F3=Exit F14=Display Treatment Tech F20=State Reg#

Display Treatment Facility

Facility Code TWI

Approval Status: Approved (A)
Treatment Type : Haz Waste & All (H)

EPA ID ILD098642424

Name ONYX ENVIRONMENTAL SERVICES

Formal Name ONYX ENVIRONMENTAL SERVICES

Address 7 MOBILE AVENUE

SAUGET IL 62201 1069

Contact DAVE KLARICH (OPR. MGR.)

Phone 618) 271-2804 **Fax** 618) 271-2128

F3=Exit F14=Display Treatment Tech F20=State Reg#

AENSDER DISPLAY

Display Treatment Facility

Facility Code KHF

Approval Status: Approved (A)
Treatment Type : Haz Waste & All (H)

EPA ID CAT000646117

Name CHEMICAL WASTE MANAGEMENT, INC

Formal Name CHEMICAL WASTE MANAGEMENT, INC

Address 35251 OLD SKYLINE ROAD
P.O. BOX 471
KETTLEMAN CITY CA 93239

Contact TERRI YARBROUGH

Phone 559) 386-9711 **Fax** 559) 386-6109

F3=Exit F14=Display Treatment Tech F20=State Reg#

Display Treatment Facility

Facilty Code OSC

Approval Status: Approved (A)
Treatment Type : Haz Waste & All (H)

EPA ID CAD008302903

Name ONYX ENVIRONMENTAL SVCS.L.L.C.

Formal Name ONYX ENVIRONMENTAL SERVICES, L.L.C.

Address 1704 W. FIRST STREET

AZUSA CA 91702

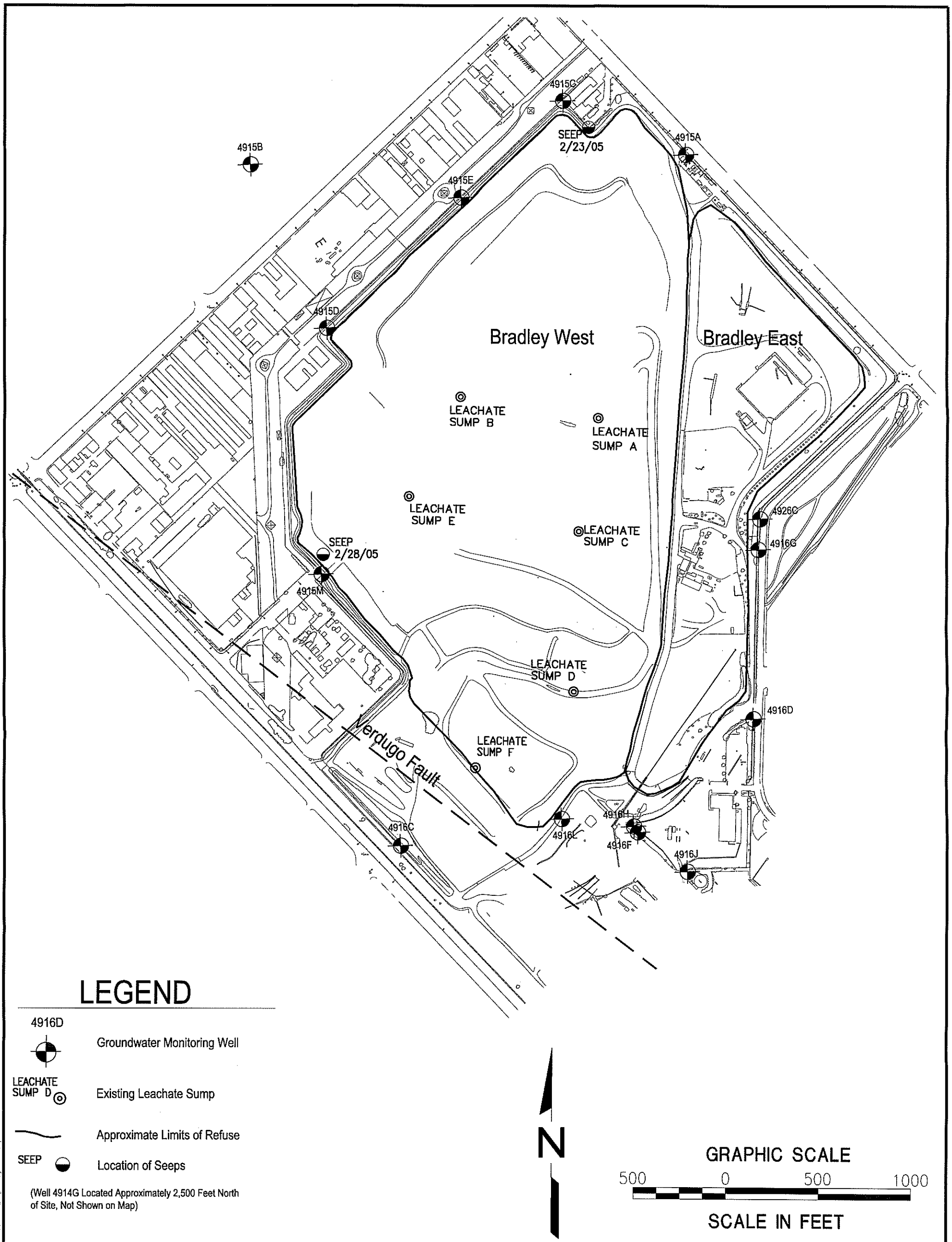
Contact

Phone 626) 334-5117 **Fax** 626) 334-4563

F3=Exit F14=Display Treatment Tech F20=State Reg#

Appendix H

Location of Seeps



SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

SHEET TITLE: Seep Location Map					
PROJECT TITLE: Bradley Landfill and Recycling Center, Sun Valley, California					
PROJ. NO. 01201026.00	DWN. BY: APH	ACAD FILE:	SCALE: 1' = 500'	DATE April 2005	Figure 2
DSN. BY:	CHK. BY: TQS	APP. BY: KWG			

J:\SW\JOBS\2001\01201026\Figure2.dwg Apr 22, 2005 - 12:4pm By: 2178aph

Appendix I

Rodent Control Documents

SO# 335846
WO# 33322050

Date Printed... 4/05/04

For additional Service Calls, please contact the National Accounts Dept. at
1-800-238-6189

TERMINIX.

04-04
DUPLICATE

NATIONAL ACCOUNTS SERVICE & INSPECTION REPORT

2184		P34	(818)252-3172	302	7	MT	45.00	4.20/04	455

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY, CA. 91352

TERMINIX INTERNATIONAL
3055 N. CALIFORNIA STREET
BURBANK, CA 91504
(800)452-8220

OPERATOR NAME & CERTIFICATION NUMBER: ALDO NAVARRO

SUPERVISOR NAME & CERTIFICATION NUMBER: PETER C.

Target Pests

- ☑ German Cockroaches
- ☑ American Cockroaches
- ☑ Oriental Cockroaches
- ☐ Other Cockroaches
- ☑ Pavement Ants
- ☑ Argentine Ants
- ☑ Other Ants
- ☐ Rats
- ☐ Mice
- ☐ Silverfish
- ☐ Flies
- ☐ Occasional Invaders
- ☐ Stored Product Pests
- ☐ Other
- ☐ Other

Materials

	# Used		# Used
450 Insects		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	
600 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		655 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
583	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
586	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-459			
515	Abound Fire Ant Bait (Abamectin B1) 0.011%	499-370			
399	Avert Roach Bait Stations (Abamectin) 0.05%	499-407			
11	Coldguard EC Insecticide (Esfenvalerate) ☐ 0.0275% ☐ 0.05%	1021-1541-57076			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.06% ☐ 0.06%	10182-361			
210	DeltaDust G (Deltamethrin) 0.05%	432-936			
630	Blue Ant Bait (Orthoboric acid) 5.0%	8444-131/8444-135			
150	Drione Dust (Silica Gel) 40% (Pyrethrins) 1.0%	4816-353			
41	Generic EC (Hydroprene) 0.06%	2724-351-60809			
640	Generation Mini Blocks Bait (Diethylfuralin) 0.0025%	7173-218			
43	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	4816-707			
644	LiquiTox II Bait (Disodium Salt of Orthoborate) 0.106%	12455-51			
671	Mole Mite Block Bait (Bromadiolone) 0.005%	7173-202			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-19			
300	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
147	Nu-Bor D (Disodium Octaborate Tetrahydrate) 98%	64405-8			
48	Nyver EC (Hydroprene) ☐ 0.015% ☐ 0.02%	11715-307-57079			
43	Orthene PCO Formula II SP (Acephate) ☐ 0.75% ☐ 1.0%	59639-31-AA			
49	Orthene Turf, Tree, & Shrub WP (Acephate) 75%	59639-29-ZA			
65	PT Orthene Aerosol (Acephate) 1.0%	499-375			
161	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
210	PT Cy-Kick CS (Cyfluthrin) ☐ 0.05% ☐ 0.1%	499-304			
586	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
46	PT 555 Plus XLO Aerosol (Pyrethrins) 0.25% (d-trans Allethrin) 0.25%	499-310			
180	PT TriDie MicroPro Aerosol (Silica Aerogel) 4% (Pyrethrins) 0.3%	499-385			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.06% ☐ 0.06%	432-763			
61	Tempo 20WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	8125-377/8125-380			
81	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-9			
82	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
691	Weatherblock XT Bait (Bromadiolone) 0.005%	10182-339			
193	Zone Dynamic Dust (Orthoboric acid) 64%	64757-3			

SCS/YCG

SCS/YCG

Areas Inspected and/or Treated

Pest Control materials used indicated by codes listed at left.

- ☑ Food Area — 45.70
- ☑ Dining Areas — 45.70
- ☑ Offices — 45.70
- ☐ Public Areas
- ☑ Rest/Locker Rooms — 45.70
- ☑ Dorms/Area — 45.70
- ☑ Laundry/Boiler Room — 45.70
- ☑ Warehouse Area — 45.70
- ☐ Processing areas
- ☑ Repair Rooms — 45.70
- ☐ Guest Rooms
- ☐ Basement
- ☐ Roof
- ☑ Exterior Perimeter — 45.70
- ☐ Landscaped Areas
- ☐ Leaking Beck/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists, or dusts. Harmful if swallowed.
Dampen granules to activate.
Do not tamper with tamperproof placements.
Do not return to room until after ventilation.
Do not touch treated area until dry.
For fire sprinklers, remain off treated area for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = General, S = Spot, BT = Bait, DC = Direct Contact, B = Band, SP = Space, IN = Inspection

Equipment Code (E/C): CS = Compr. Air Sprayer, T = Trap, BB = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, U = ULV

Posting Service Sticker? ☐ Yes ☑ No

Supervisor's Comments:

MORNING TECH NEEDS TO CHECK HIS, BAIT STATIONS, CUSTOMER REQUEST

Prior Balance.: 405.00
Base Amt.....: + 45.00
Tax Charge....: +

Total Credit...: 450.00

CN:CH: BARBARA CORRIGAN
CONTACT: BRUCE

CUSTOMER'S SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE — DATE 4/5/04

AMOUNT PAID

SO# 515846
WO# 37217429

Date Printed..: 3/04/0

For additional Service Calls, please contact the National Accounts Dept. at 1-800-238-6189 REG.

TERMINIX

05-04
DUPLICATE
Premier # 0001178339

Regular

NATIONAL ACCOUNTS - SERVICE & INSPECTION REPORT

2025	437596	P34	8182232-3172	507-W7	S JWE	M T	45.00	400	05/04	432

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY,CA 91352

TERMINIX INTERNATIONAL
21720 S. WILMINGTON AVENUE, SUITE
CARSON,CA 90810
(800)452-8226

OPERATOR NAME & CERTIFICATION NUMBER: ALOC NAVARRO

SUPERVISOR NAME & CERTIFICATION NUMBER: PETE C.

Target Pests: ☑ German Cockroaches ☑ Pavement Ants ☑ Rats ☐ Occasional Invaders; ☑ American Cockroaches ☑ Argentine Ants ☑ Mice ☐ Stored Product Pests; ☑ Oriental Cockroaches ☑ Fire Ants ☐ Silverfish ☐ Other; ☑ Other Cockroaches ☑ Other Ants ☐ Flies ☐ Other

Materials

	# Used		# Used
450 Insects		620 WING-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	
600 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		605 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
333	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
286	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-459			
305	Advance 375B Ant Gel Bait (Boric) 5.4%	499-402			
316	Avaunt Fire Ant Bait (Abamectin B1) 0.011%	499-370			
308	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	10182-361			
219	DeltaGard G (Deltamethrin) 0.05%	432-836			
168	TriDie Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Gentrol EC (Hydroprene) 0.06%	2724-351-50809			
589	Generation Mini Blocks Bait (Difenacoum) 0.0025%	7173-218			
48	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	4816-707	SCS		
580	LeafTox II Bait (Diphacinone Salt of Diphacinone) 0.105%	12455-61			
571	Maki Mini Block Bait (Bromadiolone) 0.005%	7173-202			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1237			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-31/432-1284			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-18/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 6%	64405-2			
147	N-Bor D (Disodium Octaborate Tetrahydrate) 98%	64405-8			
48	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-807-57079			
40	Ortho's Turf, Tree, & Shrub WP (Acephate) 75%	59639-98-ZA			
65	PT Ortho's Aerosol (Acephate) 1.0%	499-373			
106	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) ☐ 0.05% ☐ 0.1%	499-304	SCS		
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
139	PT TriDie Aerosol (Silica Aerogel) 4.8% (Pyrethrins) 0.5%	499-385			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.025% ☐ 0.06%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-432/432-1357	SCS		
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-8			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
581	Warfarinox XT Bait (Brodifacoum) 0.005%	10182-339			

Areas Inspected and/or Treated

Pest Control treatment areas indicated by check mark at left.

- ☑ Food Areas — 43.70.81
- ☑ Drug Areas — 43.70.81
- ☑ Offices — 43.70.81
- ☐ Public Areas
- ☑ Men/Ladies Rooms — 43.70.81
- ☑ Display Areas — 43.70.81
- ☐ Laundry/Sewer Room
- ☐ Cooking/Utility
- ☐ Warehouse Area
- ☑ Processing Areas — 43.70.81
- ☐ Patient Rooms
- ☐ Guest Rooms
- ☐ Basements
- ☑ Roof
- ☑ Exterior Perimeter — 43.70.81
- ☐ Landscapes Areas
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists, or dusts. Harmful if swallowed.
Dampen granules to activate.
Do not tamper with rodenticide placements.
Do not return to room until after fumigation.
Do not touch treated walls until dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = Germ, S = Spot, BT = Bait, DC = Dusting Cavities, B = 3' Band, SP = Spot, IN = Inspection

Equipment Code (E/C): CS = Compressed Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

Prior Balance..: 360.0
Base Amt.....: + 45.0
Tax Charge....: +

Total Credit...: 315.0

CONTACT: BARBARA CORRIERE
CONTACT: BRUCE

CUSTOMER SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE — DATE 5-3-04

AMOUNT PAID 0 — CASH / CHECK

SA# 515846
WO# 40334535

Date Printed... 6/01/04

☐ INITIAL SERVICE
☒ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX 06-04

Premise # 0001120939

Regular

COMMERCIAL SERVICE AND INSPECTION REPORT

2025	439538	734	(818)252-3172	SOZ-H7	2 LWE	MT	45.00	6/02/04	415	415

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY,CA 91352

TERMINIX INTERNATIONAL
21720 S. WILMINGTON AVENUE, SUITE
CARSON,CA 90810
(800)432-8226

OPERATOR NAME & CERTIFICATION NUMBER: GLOO NAVARRO

SUPERVISOR NAME & CERTIFICATION NUMBER: PETE C.

Target Pests: ☐ German Cockroaches ☒ Brown Ants ☐ Rats ☐ Occasional Invaders; ☐ American Cockroaches ☐ Argentine Ants ☐ Mice ☐ Stored Product Pests; ☐ Oriental Cockroaches ☐ Fire Ants ☐ Silverfish ☐ Other; ☐ Other Cockroaches ☐ Other Ants ☐ Fleas ☐ Other

Materials	# used		# used
450 Insecticide		680 WIND-UP TRAPS	
408 Insect Monitors		610 TIN CATS	
610 Pheromone Traps		848 Rat Bait Stations	
680 Glue Traps		880 Mouse Bait Stations	
686 Snap Traps		855 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	AMOUNT
259	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Duty Choice Ant Bait (Sulfluramid) 0.5%	499-459			
316	Avaand Fire Ant Bait (Abamectin B1) 0.011%	499-370			
320	Avert Roach Bait Stations (Abamectin) 0.05%	453-457			
365	Advance 375B Ant Gel Bait (Boraxl) 5.4%	499-492			
15	Demand CS (Lambda-Cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	10182-361			
210	DeltaGard G (Deltamethrin) 0.05%	432-834			
158	TriDie Silica Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-420			
43	Gentrol EC (Hydroprene) 0.09%	2724-351	SCS		
640	Generation Mini Blocks Bait (Dinehotane) 0.0025%	7173-218			
46	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	4816-1146	SCS		
300	LiquiTox II Bait (Diazinon Salt of Dichlorinoner 0.1065%	12455-01			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-13/432-1262			
385	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-8			
147	Ni-Bor D (Disodium Octaborate Tetrahydrate) 98%	64405-8			
48	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-307-57079			
49	Orthene Turf, Tree, & Shrub WP (Acephate) 75%	59639-25-ZA			
380	Pre-Empt Roach Gel Bait (Imidacloprid) 2.15%	3125-631/432-1365			
65	PT Orthene Aerosol (Acephate) 1.0%	499-378			
153	PT Dy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Dy-Kick CS (Cyfluthrin) 0.020% ☐ 0.05% ☐ 0.1%	499-304	SCS		
342	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
68	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-280			
169	PT TriDie Aerosol (Silica Aerogel) 4.5% (Pyrethrins) 0.5%	499-585			
171	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.02% ☐ 0.05%	432-763			
87	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-482/432-1357	SCS		
90	Tempo SC Ultra (Cyfluthrin) 0.025%	3125-488/432-1368			
81	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-9			
82	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-7			
901	Weatherstick XT Bait (Bromadiolone) 0.005%	10182-339			
899	Contrac Block Bait (Bromadiolone) 0.005%	12455-79			

Areas Inspected and/or Treated

Pest Control materials used indicated by codes from list at left.

- ☐ Food Areas — 4/5 41.70 81
- ☐ Dining Areas — 4/5 41.70 81
- ☐ Kitchen — 4/5 41.70 81
- ☐ Food Areas — 4/5 41.70 81
- ☐ Restroom/Locker Rooms — 4/5 41.70 81
- ☐ Display Areas — 4/5 41.70 81
- ☐ Transformer Room — 4/5 41.70 81
- ☐ Storage/Utility — 4/5 41.70 81
- ☐ Warehouse Area — 4/5 41.70 81
- ☐ Processing Areas — 4/5 41.70 81
- ☐ Patient Rooms
- ☐ Guest Rooms
- ☐ Basement
- ☐ Roof — 4/5 41.70 81
- ☐ Exterior Perimeter
- ☐ Landscaped Areas
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists, or dusts. Harmful if swallowed.
Dispose pesticide as directed.
Do not temper with insecticide placements.
Do not return to room until after ventilation.
Do not touch treated areas until dry.
Service frequency, return at treated areas for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = Gutters, S = Spot, BT = Bait, DC = Overall Contact, B = 3' Band, SP = Spray, IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Tray, BS = Bait Station, HL = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

Prior Balance..: 315.0
Base Amt.....: + 45.0
Tax Charge....: +

CNTCT: BARBARA CORRIERO
CONTACT: BRUCE

Total Credit...: 270.0

CUSTOMER SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE — DATE 6-3-04

AMOUNT PAID

UNRESOLVED PROBLEMS? CALL 1-800-TERMINIX (1-800-837-6464)

SWF 31[illegible]
WO# 44906973

Date Printed: [illegible]

☐ INITIAL SERVICE
☒ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX. 07-04

Regular

Premier # 0001[illegible]

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT #									
2025	439550	P34(818)252-3172		502-N7	7 AWE	M		45.00	500	0 44

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY,CA 91352

TERMINIX INTERNATIONAL
21720 S. WILMINGTON AVENUE, SUITE
CARSON,CA 90810
(800)4[illegible]-8226

OPERATOR NAME & CERTIFICATION NUMBER: ALDO NAVARRO

SUPERVISOR NAME & CERTIFICATION NUMBER: [illegible]

Target Pests
☐ German Cockroaches ☐ Pharaoh Ants ☐ Rats ☐ Occasional Invaders
☐ American Cockroaches ☐ Argentine Ants ☐ Mice ☐ Stored Product Pests
☐ Oriental Cockroaches ☐ Fire Ants ☐ Silverfish ☐ Other
☐ Other Cockroaches ☐ Other Ants ☐ Flies ☐ Other

Materials	# used		
450 Traps		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps	3	645 Rat Bait Stations	
505 Glue Traps		640 Mouse Bait Stations	
500 Snap Traps		665 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
293	Advance Granular Ant Bait (Abamectin B1) 0.01%	499-370			
296	Advance Duo Choice Ant Bait (Sulfluramid) 0.5%	499-459			
815	Advance Fire Ant Bait (Abamectin B1) 0.011%	499-370			
300	Avert Roach Bait Stations (Abamectin) 0.05%	499-487			
563	Advance 9855 Ant Gel Bait (Boric) 5.4%	499-492			
16	Demand CS (Lambda-cyhalothrin) ☐ 0.018% ☐ 0.04% ☐ 0.06%	10182-381			
219	DeltaGard G (Deltamethrin) 0.05%	432-836			
120	Tribe Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Generic EC (hydroprene) 0.06%	2724-351			
540	Generation Mini Bloxus Bait (Diflubenzuron) 0.0025%	417-218			
15	Kicker SC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	4816-1146			
520	LiquiTox II Bait (Disodium Salt of Diphacinone) 0.105%	12455-61			
332	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
291	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
367	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
335	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
147	N-Bor D (Disodium Octaborate Tetrahydrate) 98%	64405-8			
48	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-307-57078			
49	Ortho® Turf, Tree & Shrub WP (Acephate) 75%	59639-28-2A			
380	Pro-Ertpe Roach Gel Bait (Imidacloprid) 2.15%	3125-526/432-1365			
55	PT Ortho® Aerosol (Acephate) 1.0%	499-373			
131	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
28	PT Cy-Kick CS (Cyfluthrin) 0.023% ☐ 0.05% ☐ 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-390			
129	PT Tribe Aerosol (Silica Aerogel) 4.0% (Pyrethrins) 0.8%	499-565			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.06% ☐ 0.08%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-482/432-1357			
84	Tempo SC Ultra (Cyfluthrin) 0.025%	3125-458/432-1363			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-9			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
361	Weathermax XT Bait (Bradifacoum) 0.006%	10182-339			
520	Contrac Blox Bait (Bromadiolone) 0.005%	12455-79			

Areas Inspected and/or Treated

Pest Control materials used indicated by codes from list at left.

☐ Food Areas 4L 45.70
☐ Dining Areas 4L 45.70 600
☐ Offices
☐ Public Areas
☐ Sleeping Rooms 4L 45.70
☐ Display Areas
☐ Laundry/Boiler Room
☐ Storage/Utility
☐ Warehouse Area
☐ Manufacturing Area 4L 45.70
☐ Private Rooms
☐ Guest Rooms
☐ Basement
☐ Roof 4L 45.70
☐ Exterior Perimeter
☐ Landscaped Areas
☐ Loading Dock/Dumpster
☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists, or dusts. Harmful if swallowed.
Dampen granules to soft-ball.
Do not pamper with rodenticide pellets/bits.
Do not return to room until after ventilation.
Do not touch treated areas until dry.
For flea treatments, remove or isolate pets for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice V = Void G = Gel/Wipe d = dust BT = Bait DC = Dispose Contact B = 3" Band SP = Spot
IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer T = Trap
BS = Bait Station TBD = Insect Detector A = Aerosol
BG = Bait Gun PT = Power Treatment F = ULV

Passing Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

Prior Balance ... 270.0[illegible]
Base Amt ... 45.0[illegible]
Tax Charge ...

Total Charge ... 225.0[illegible]

UNTOT: BAXBAKA CORTLOS
CON'T SET: BRUCE

CUSTOMER'S SIGNATURE 7-7-04

SERVICE TECHNICIAN SIGNATURE DATE

AMOUNT PAID 0 CASH CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-8464)

☐ INITIAL SERVICE
☐ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX

COMMERCIAL SERVICE AND INSPECTION REPORT

									TIME IN	TIME OUT
2095	45639	11						150 cc	8-23-04	

SERVICE PROPERTY AT: Valley Landfill, 9997 Tyler Ave, San Valley, CA 92557

BRANCH: Terminix Int'l

1-800-452-1926

OPERATOR NAME & CERTIFICATION NUMBER: [illegible]

SUPERVISOR NAME & CERTIFICATION NUMBER

Pest Control Materials Used

	EPA Reg. #	T/C	C/C	Amount
[illegible]	[illegible]			

Materials

400 Baits		600 Wind Up Traps
400 Insect Monitors		610 Fly Cats
410 Flammable Traps		635 Rat Bait Stations
440 Glue Traps	2	640 Mouse Bait Stations
450 Sticky Traps		655 Mouse Bait Stations

Areas Inspected and/or Treated

- ☐ Food Areas
- ☐ Storage Areas
- ☐ Grounds 2002
- ☐ Public Areas
- ☐ Food Preparation
- ☐ Dining Areas
- ☐ Laundry/Housekeeping
- ☐ Storage/Pantry
- ☐ Warehouse Areas
- ☐ Manufacturing Areas
- ☐ Point of Receipt
- ☐ Repair Location
- ☐ Basement
- ☐ Attic
- ☐ Exterior Perimeter
- ☐ Landscaped Areas
- ☐ Loading Dock/Unloading
- ☐ Other

Precautions

[illegible]

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = Gelling, S = Spot, DT = Dust, BG = Bait & Gelling, B = Bait, SP = Spray, IN = Injection

Equipment Code (E/C): CS = Crack & Crevice, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Equipment, P = Pump

Pleasing Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

SPECIAL CHARGE INFORMATION

AMOUNT DUE

SA# 515846
WO# 60572596

Date Printed..: 9/01/0

- ❑ INITIAL SERVICE
- ❑ REGULAR SERVICE
- ❑ EXTRA SERVICE

TERMINIX 09-04

Regular

Premier # 0001178339

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	RT.	TELEPHONE	GRID	S. DAY	F	T	PRODUCTION	TIME IN	TIME OUT
2025	439538	11	(818)252-3172	502-H7	1 1WE	M	T	45.00	9/01/04 10 38	12 21

SERVICE PROPERTY AT

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY,CA 91352

BRANCH

TERMINIX INTERNATIONAL
21720 S. WILMINGTON AVENUE, SUITE
CARSON,CA 90810
(800)452-8226

OPERATOR NAME & CERTIFICATION NUMBER

ALDO NAVARRO.

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

- ❑ German Cockroaches
- ❑ American Cockroaches
- ❑ Oriental Cockroaches
- ❑ Other Cockroaches
- ❑ Pavement Ants
- ❑ Argentine Ants
- ❑ Fire Ants
- ❑ Other Ants
- ❑ Rats
- ❑ Mice
- ❑ Silverfish
- ❑ Flies
- ❑ Occasional Invaders
- ❑ Stored Product Pests
- ❑ Other _____
- ❑ Other _____

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
293	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-459			
315	Ascend Fire Ant Bait (Abamectin B1) 0.011%	499-370			
309	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
365	Advance 388B Ant Gel Bait (Borax) 5.4%	499-492			
	Borid Dust (Ortho Boric Acid) 99%	9444-129			
15	Demand CS (Lambda-cyhalothrin) ❑ 0.015% ❑ 0.03% ❑ 0.06%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-836			
158	TriDie Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Gentrol EC (Hydroprene) 0.06%	2724-351			
540	Generation Mini Blocks Bait (Difethialone) 0.0025%	7173-218			
43	Kicker EC (Pyrethrins) ❑ 0.05% ❑ 0.1% ❑ 0.2%	432-1145			
550	LiquiTox II Bait (Disodium Salt of Diphacinone) 0.106%	12455-61			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FG Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
46	Nylar EC (Pyriproxyfen) ❑ 0.015% ❑ 0.02%	11715-307-57079			
49	Orthene Turf, Tree, & Shrub WP (Acephate) 75%	59639-26-ZA.			
380	Pre-Empt Roach Gel Bait (Imidacloprid) 2.15%	3125-525/432-1365			
151	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) 0.025% 0.05% 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
159	PT TriDie Aerosol (Silica Aerogel) 4.8% (Pyrethrins) 0.6%	499-385			
121	Suspend SC (Deltamethrin) ❑ 0.01% ❑ 0.03% ❑ 0.06%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ❑ 0.025% ❑ 0.05% ❑ 0.1%	3125-482/432-1357			
83	Tempo SC Ultra (Cyfluthrin) ❑ 0.025% ❑ 0.05% ❑ 0.1%	3125-498/432-1363			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-9			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
591	Weatherblok XT Bait (Brodifacoum) 0.005%	100-1055			
00	Machinum		37	M5	5 984

Materials

	# Used		# Used
450 Insiders		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	16
600 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		655 Liquid Bait Stations	

Areas Inspected and/or Treated

Pest Control materials used indicated by codes from list at left.

- ❑ Food Areas
- ❑ Dining Areas
- ❑ Offices
- ❑ Public Areas
- ❑ Rest/Locker Rooms
- ❑ Display Areas
- ❑ Laundry/Boiler Room
- ❑ Storage/Utility
- ❑ Warehouse Area
- ❑ Processing Areas
- ❑ Patient Rooms
- ❑ Guest Rooms
- ❑ Basement
- ❑ Roof
- ❑ Exterior Perimeter — 00,645
- ❑ Landscaped Areas
- ❑ Loading Dock/Dumpster
- ❑ Other _____

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors mists, or dusts. Harmful if swallowed.
Dampen granules to activate.
Do not tamper with rodenticide placements.
Do not return to room until after ventilation.
Do not touch treated areas until dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = General, S = Spot, BT = Bait, DC = Directed Contact, B = 3' Band, SP = Space, IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ❑ *Yes* ❑ *No*

Supervisor's Comments:

Prior Balance.: 180.0
Base Amt.....: + 45.0
Tax Charge....: +

Total Credit..: 135.0

SPECIAL SERVICE INSTRUCTIONS

CNTCT: BARBARA CORRIERO
CONTACT: BRUCE

CUSTOMER'S SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE

DATE 9-8-04

AMOUNT PAID

CASH

CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

SA# 4783380
WO# 79512159

Date Printed... 10/05/0

☐ INITIAL SERVICE
☒ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX

10-04

Regular

Premier #

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT #	SERVICE	TELEPHONE	CODE				PRICE	TIME IN	TIME OUT
2025	439538	P11	(818)252-3172	502-M2	6.M1 LWE			48.00	10/06/04 10:13	1:00

SERVICE PROPERTY AT:

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY,CA 91352

BRANCH:

TERMINIX INTERNATIONAL
3701 EAST SLAUSON AVENUE
COMMERCE,CA 90040
(800)452-8226

OPERATOR NAME & CERTIFICATION NUMBER
JESUS A RUVALCAB RA15778

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

- ☐ German Cockroaches
- ☐ American Cockroaches
- ☐ Oriental Cockroaches
- ☐ Other Cockroaches
- ☐ Pavement Ants
- ☐ Argentine Ants
- ☐ Fire Ants
- ☐ Other Ants
- ☒ Rats
- ☒ Mice
- ☐ Silverfish
- ☐ Flies
- ☐ Occasional Invaders
- ☐ Stored Product Pests
- ☐ Other
- ☐ Other

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
293	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Dual Choice Ant Bait (Sulfuramid) 0.5%	499-459			
315	Ascend Fire Ant Bait (Abamectin B1) 0.011%	499-370			
309	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
365	Advance 388B Ant Gel Bait (Borax) 5.4%	499-492			
	Boric Dust (Ortho Boric Acid) 99%	9444-129			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.08% ☐ 0.06%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-835			
158	TriDie Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Gentrol EC (Hydroprene) 0.06%	2724-351			
540	Generation Mini Blocks Bait (Difethialone) 0.0025%	7173-218			
43	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	432-1145			
550	LiquiTox II Bait (Disodium Salt of Diphacinone) 0.106%	12455-61			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FG Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
48	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-307-57079			
49	Orthene Turf, Tree, & Shrub WP (Acephate) 75%	63039-26-ZA			
380	Pre-Empt Roach Gel Bait (Imidacloprid) 2.15%	3125-525/432-1365			
151	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) 0.025% 0.05% 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
169	PT TriDie Aerosol (Silica Aerogel) 4.8% (Pyrethrins) 0.6%	499-365			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-462/432-1357			
83	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-436/432-1363			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-9			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
591	Weatherblok XT Bait (Brodifacoum) 0.005%	100-1055			
00	Mark Mist (SIL)		SI	MJ	19 B/A

Materials

	# Used		# Used
450 Insiders		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	
600 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		655 Liquid Bait Stations	

Areas Inspected and/or Treated

Pest Control materials used indicated by codes from list at left.

- ☐ Food Areas
- ☐ Dining Areas
- ☐ Offices
- ☐ Public Areas
- ☐ Rest/Locker Rooms
- ☐ Display Areas
- ☐ Laundry/Boiler Room
- ☐ Storage/Utility
- ☐ Warehouse Area
- ☐ Processing Areas
- ☐ Patient Rooms
- ☐ Guest Rooms
- ☐ Basement
- ☐ Roof
- ☒ Exterior Perimeter 00
- ☐ Landscaped Areas
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors mists, or dusts. Harmful if swallowed.
Dampen granules to activate.
Do not tamper with rodenticide placements.
Do not return to room until after ventilation.
Do not touch treated areas until dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry.

Treatment Code (T/C): O = Crack & Crevice, V = Void, G = General, S = Spot, BT = Bait, DC = Directed Contact, B = 3' Band, SP = Space, IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

Prior Balance..... 240.00
Base Amt..... + 48.00
Tax Charge..... +

Total Due..... 288.00

SPECIAL SERVICE INSTRUCTIONS

RODENT CONTROL ONLY CHECK 16 EXT BAIT STATION
S *MUST GET SIGNED SERVICE TICKET *

CUSTOMER'S SIGNATURE
Karen Holt

SERVICE TECHNICIAN'S SIGNATURE

DATE 10-6-04

AMOUNT PAID

CASH

CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

SA# 115844
WO# 61809482

Date Printed... 10/05/

☐ INITIAL SERVICE
☒ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX

10-04

Regular

Premier # 0001178399

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	PT	TELEPHONE	TERMS	DAY			PRICE	TIME IN	TIME OUT
2025	459538	11	(818)252-3172	502-N7	6 1WE	MT		45.00	10/06/04 1212	1200

SERVICE PROPERTY

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY,CA 91352

BRANCH

TERMINIX INTERNATIONAL
5701 EAST SLAUSON AVENUE
COMMERCE,CA 90040
(800)452-8226

OPERATOR NAME & CERTIFICATION NUMBER
JESUS A RUVALCAB RA15778

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

- ☐ German Cockroaches
- ☐ American Cockroaches
- ☐ Oriental Cockroaches
- ☐ Other Cockroaches
- ☐ Pavement Ants
- ☐ Argentine Ants
- ☐ Fire Ants
- ☐ Other Ants
- ☒ Rats
- ☒ Mice
- ☐ Silverfish
- ☐ Flies
- ☐ Occasional Invaders
- ☐ Stored Product Pests
- ☐ Other
- ☐ Other

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
293	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-459			
315	Ascend Fire Ant Bait (Abamectin B1) 0.011%	499-370			
309	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
365	Advance 3888 Ant Gel Bait (Borax) 5.4%	499-492			
	Boric Dust (Ortho Boric Acid) 99%	9444-129			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-638			
158	TriDie Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Gentrol EC (Hydroprene) 0.05%	2724-391			
540	Generation Mini Blocks Bait (Difethialone) 0.0025%	7173-218			
43	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	432-1145			
550	LiquiTox II Bait (Diesdium Salt of Diphacinone) 0.106%	12455-61			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FG Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
46	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-307-57079			
49	Orthene Turf, Tree, & Shrub WP (Acephate) 75%	59639-28-ZA			
360	Pre-Empt Roach Gel Bait (Imidacloprid) 2.15%	3125-525/432-1365			
151	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) 0.025% 0.05% 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.6%	499-290			
159	PT TriDie Aerosol (Silica Aerogel) 4.8% (Pyrethrins) 0.6%	499-365			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-482/432-1357			
83	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-488/432-1363			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-8			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
591	Weatherblok XT Bait (Brodifacoum) 0.005%	100-1055			
00 maintenance bldg			37 oz	978/4	

Materials

# Used			# Used
450 Insiders		820 WIND-UP TRAPS	
400 Insect Monitors		810 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	
500 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		655 Liquid Bait Stations	

Areas Inspected and/or Treated

Pest Control materials used indicated by codes from list at left.

- ☐ Food Areas
- ☐ Dining Areas
- ☐ Offices
- ☐ Public Areas
- ☐ Rest/Locker Rooms
- ☐ Display Areas
- ☐ Laundry/Boiler Room
- ☐ Storage/Utility
- ☐ Warehouse Area
- ☐ Processing Areas
- ☐ Patient Rooms
- ☐ Guest Rooms
- ☐ Basement
- ☐ Roof
- ☐ Exterior Perimeter
- ☐ Landscaped Areas 00
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors mists, or dusts. Harmful if swallowed.
Dampen granules to activate.
Do not tamper with rodenticide placements.
Do not return to room until after ventilation.
Do not touch treated areas until dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry

Treatment Code (T/C): S = Spot BT = Bait IN = Inspection C = Crack & Crevice DC = Directed Contact V = Void B = 3' Band G = General SP = Space

Equipment Code (E/C): BS = Bait Station BG = Bait Gun CS = Comp. Air Sprayer HD = Hand Duster PT = Power Treatment T = Trap A = Aerosol F = ULV

Posting Service Sticker? ☐ *Yes* ☐ *No*

Supervisor's Comments:

Prior Balance..: 180.00
Base Amt.....: + 45.00
Tax Charge....: +

Total Credit...: 135.00

SPECIAL SERVICE INSTRUCTIONS

CNTCT: BARBARA CORRIERO
CONTACT: BRUCE

CUSTOMER'S SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE

DATE 10-6-04

AMOUNT PAID

CASH

CHECK

UNRESOLVED PROBLEMS?
CALL 1-800 TERMINIX (1-800-837-6464)

R SERVICE
RA SERVICE

TERMINIX

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	RT.	TELEPHONE	SRID	S DAY	P	T	PRODUCTION	TIME IN	TIME OUT
21025	495738	P11	(818)252-8172	5031 UX	S TUE	MT		40.00	11/03/04 9:47	10:38

SERVICE PROPERTY AT

WASTE MANAGEMENT OF LA
9041 TUJUNGA AVE.
SUN VALLEY, CA 91352

BRANCH

TERMINIX INTERNATIONAL
5901 EAST SLAUSON AVENUE
COMMERCE, CA 90040
(800)422-8744

OPERATOR NAME & CERTIFICATION NUMBER

JESUS A RUVALCAB RA157738

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

- ☐ German Cockroaches
- ☐ American Cockroaches
- ☐ Oriental Cockroaches
- ☐ Other Cockroaches
- ☐ Pavement Ants
- ☐ Argentine Ants
- ☐ Fire Ants
- ☐ Other Ants
- ☐ Mice
- ☐ Roaches
- ☐ Silverfish
- ☐ Fleas
- ☐ Occasional Invaders
- ☐ Stored Product Pests
- ☐ Other
- ☐ Other

Materials

	# used		
450 Insects		820 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Phototropic Traps		660 Rat Bait Stations	
500 Glue Traps		640 Mouse Bait Stations	
680 Fogg Traps		665 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	B/O	Amount
283	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-570			
296	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-459			
215	Avert Fire Ant Bait (Abamectin B1) 0.011%	499-570			
309	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
466	Advance 2328 Ant Gel Bait (Borax) 5.4%	499-492			
	Boric Dust (Ortho Boric Acid) 99%	9444-129			
15	Demand CS (Lambda-Cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	DeltaGard S (Deltamethrin) 0.05%	432-852			
156	PyDie Bulk Dust Silica Gel 10% (Pyrethrins) 1.0%	499-229			
41	Talstar EC (Hydroprene) 0.06%	2724-351			
540	Generation Mini Blocks Bait (Difethalone) 0.0025%	7173-218			
43	Cocer EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	432-1145			
560	Maxforce II Bait (Disodium Salt of Diphacinone) 0.105%	12455-81			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1258			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
396	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	6325-2			
46	Talstar EC (Tralomethrin) ☐ 0.03% ☐ 0.06%	11715-207-57079			
48	Orthene T.n.t. Tree, & Shrub WP (Acephate) 75%	50638-28-ZA			
580	Pro-Ernst Roach Gel Bait (Imidacloprid) 2.15%	3125-525/432-1365			
161	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	499-504			
512	PT Avert Gel Bait (Abamectin B1) 0.05%	499-313			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	655-290			
198	PT Tribe Aerosol (Silica Aerogel) + 8% (Pyrethrins) 0.8%	499-355			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.05% ☐ 0.06%	432-763			
81	Kempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-485/432-1357			
85	Kempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-498/432-1363			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-432/11540-9			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
561	Weathermax XT Bait (Brodifacoum) 0.005%	100-1066			
00	Walk-in-out 0/4		TT	RS	

Areas Inspected and/or Treated

Pest Control materials were applied or noted from list at left

- ☐ Food Areas
- ☐ Dining Areas
- ☐ Offices
- ☐ Public Areas
- ☐ Rest/Locker Rooms
- ☐ Display Areas
- ☐ Laundry/Boiler Room
- ☐ Stairs/Utility
- ☐ Warehouse Area
- ☐ Processing Areas
- ☐ Patient Rooms
- ☐ Guest Rooms
- ☐ Basements
- ☐ Roof
- ☐ Exterior Furniture 00
- ☐ Landscaped Areas
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists, or dusts. Ventilate if necessary.
Dampen granules to activate.
Do not tamper with rodenticide placements.
Do not return to room until after ventilation.
Do not touch treated areas until dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = Gener., B = Bait, DT = Bait, DC = Directed Contact, S = Spot, SP = Spot, IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

Prior Balance : 125.0
Sub Total : 92.0
Tax Charge : 6.0

Total Due : 193.0

SPECIAL SERVICE INSTRUCTIONS

ROUTINE CONTROL ONLY UNLESS AS PER BAIT STATION
S AROUND OUT EXTERIOR BURROW PICKUP

CUSTOMER'S SIGNATURE: Karen Hall

SERVICE TECHNICIAN'S SIGNATURE: [signature]

DATE: 11-3-04

AMOUNT PAID: CASH / CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

BRANCH COPY

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	RT	TELEPHONE	GRID	$ DAY	F	T	PRODUCTION	TIME IN	TIME OUT
2023	429530	111	(818)252-9172	R02-H7	1 WE	MT		45.00	13/01/04 9:50	10:31

SERVICE PROPERTY AT

WASTE MANAGEMENT OF LA
7081 TUJUNGA AVE.
SUN VALLEY, CA 91352

BRANCH

TERMINIX INTERNATIONAL
5701 EAST SLAUSON AVENUE
COMMERCE, CA 90040
(800)452-8226

OPERATOR NAME & CERTIFICATION NUMBER

JESUS A RUVALCAB NA15778

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

- ☑ Roaches
- ☑ Rodents
- ☑ Flies
- ☑ Occasional Invaders
- ☑ American Cockroaches
- ☑ Termite Alts
- ☑ Mice
- ☑ Stored Product Pests
- ☑ Oriental Cockroaches
- ☑ Fire Ants
- ☑ Silverfish
- ☑ Ants
- ☑ Other Cockroaches
- ☑ Other Ants
- ☑ Fleas
- ☑ Other _____

Materials	# used		# used
450 Insulators		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		640 Rat Bait Stations	
600 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		655 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg #	T/C	E/C	Amount
299	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Dual Choice Ant Bait (Deltamethrin) 0.5%	499-455			
315	Advance Ant Bait (Abamectin B1) 0.011%	499-370			
309	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
355	Advance 375B Ant Gel Bait (Spray) 5.4%	499-492			
	Boric Bait (Orthe Boric Acid) 99%	9444-199			
16	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	Demand G (Deltamethrin) 0.05%	432-828			
188	InDie Bait Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-28			
41	Gentrol IC (Hydroprene) 0.05%	2724-351			
340	Generation Mini Blocks Bait (Dinotefurans) 0.0025%	7173-218			
	Indoxacarb Granular Bait (Orthoboric Acid) 5.0%	7307-2			
43	Knock EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	432-1145			
550	Liquitox II Bait (Diazolidinyl Bait of Diphacinone) 0.106%	12455-61			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1258			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1254			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
380	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
46	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11-715-307-67079			
40	Ornamec Turf, Tree, & Shrub WP (acephate) 75%	59639-28-ZA			
360	Pre-Empt Roach Gel Bait (Imidacloprid) 2.15%	3125-523/432-1343			
151	PT CyKick Aerosol (Cyfluthrin) 0.1%	499-470			
(28)	PT CyKick CS (Cyfluthrin) 0.025% ☐ 0.05% ☐ 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-310			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-283			
159	PT Tri-die Aerosol (Silica Aerogel) + 3% (Pyrethrins) 0.6%	499-355			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-763			
61	Temprid Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-499/432-1357			
63	Temprid SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-499/432-1358			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11640-9			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11640-1			
581	Wasp-Freeze XT Bait (Bifenthrin) 0.005%	100-1066			
(BC)	[illegible]				

Areas Inspected and/or Treated

Pest Control materials used included on page from list at rear.

- ☐ Food Areas
- ☐ Dining Areas
- ☐ Offices
- ☐ Public Areas
- ☐ Rest/Locker Rooms
- ☐ Display Areas
- ☐ Laundry/Boiler Room
- ☐ Storage/Pantry
- ☐ Warehouse Area
- ☐ Processing Areas
- ☐ Patient Rooms
- ☐ Break Room
- ☐ Basement
- ☐ Roof
- ☑ Exterior Perimeter 70.00
- ☐ Landscaped Area
- ☐ Loading Dock/Dumpster
- ☐ Other _____

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors mists or dusts. Remove all food and utensils.
Dampen premises to control.
Do not treat pipes with rodenticide pellets.
Do not return to room after fumigation.
Do not return treated areas with dry.
For fog equipment remain off treated area for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = General, S = Spot, BT = Bait, DC = Directed Contact, D = Drench, SP = Spot, IN = Inspection

Equipment Code (E/C): CB = Comp. Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, Bg = Bait Gun, FT = Fumigation Tent, F = Fog

Posting Service Sticker? ☐ Yes ☑ No

Supervisor's Comments:

Prior Balance..: 90.00-
Base Amt.....: + 45.00
Tax Charge....: +

SPECIAL SERVICE INSTRUCTIONS

CNTCT: BARBARA CORRIERO
CONTACT: BRUCE

CUSTOMER SIGNATURE

SERVICE TECHNICIAN SIGNATURE

DATE 01-07

AMOUNT PAID

☐ CASH

☐ CHECK

Total Credit...: 45.00

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-7464)

BRANCH COPY

TERMINIX

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	AT	TELEPHONE	GRID	S. DAY	F	T	PRODUCTION	TIME IN	TIME OUT
1019	[illegible]	[illegible]	[illegible]	502	[illegible]	[illegible]		[illegible]	3:11	4:17

SERVICE PROPERTY AT

WEST MANAGEMENT OF LA
[illegible]
SUN VALLEY, CA 91352

BRANCH

TERMINIX INTERNATIONAL
[illegible] SLAUSON AVENUE
COMMERCE, CA 90040
[illegible]

OPERATOR NAME & CERTIFICATION NUMBER

[illegible]

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests:
- ☐ German Cockroaches
- ☐ American Cockroaches
- ☐ Oriental Cockroaches
- ☐ Other Cockroaches
- ☐ Palmetto Ants
- ☐ Argentine Ants
- ☐ Fire Ants
- ☐ Other Ants
- ☑ Rats
- ☑ Mice
- ☐ Silverfish
- ☐ Flies
- ☐ Occasional Invaders
- ☐ Stored Product Pests
- ☐ Other
- ☐ Other

Materials	# Used		# Used
450 Insecticide		630 WINDUP TRAPS	
400 Insect Monitors		810 T/N CATS	
410 Pheromone Traps		545 Rat Bait Stations	
420 Glue Traps		540 Mouse Bait Stations	
430 Snap Traps		555 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
203	Advance Granular Ant Bait (Abamectin B1) 0.01%	499-370			
225	Advance Dust Control Ant Bait (Sulfluramid) 0.6%	499-459			
315	Advance Fire Ant Bait (Abamectin B1) 0.011%	499-370			
300	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
365	Advance 9888 Ant Gel Bait (Borax) 5.4%	499-492			
	Boric Dust (Orthe Boric Acid) 99%	9444-129			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.05%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-436			
195	TriDip Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Gentrol EC (Hydroprene) 0.06%	2724-331			
540	Generation Mini Blocks Bait (Difethiarone) 0.0025%	7173-218			
	Intice Granular Bait (Orthoboric Acid) 5.0%	73079-2			
43	Kicker EC (Pyrethrins) ☐ 0.0[illegible]% ☐ 0.1% ☐ 0.2%	432-1146			
550	Liquifox II Bait (Disodium Salt of Diphacinone) 0.106%	12455-81			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
337	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1284			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-12/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric Acid) 5%	64405-2			
46	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-307/67079			
48	Ornamic Turf, Tree, & Shrub WP (Acephate) 75%	59639-28-ZA			
380	Pre-Emptr Roach Gel Bait (Imidacloprid) 2.15%	3125-525/432-1385			
191	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
189	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
129	PT TriDie Aerosol (Silica Aerogel) 4.0% (Pyrethrins) 0.6%	499-365			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-763			
61	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-482/432-1387			
63	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-498/432-1383			
91	ULD BP 100 ULV (Pyrethrins) [illegible]%	499-452/11540-8			
92	ULD BP 300 ULV (Pyrethrins) [illegible]%	499-460/11540-1			
581	Weathertoxx XT Bait (Brodifacoum) 0.005%	100-1066			

[illegible] 12 02 1 05

Areas Inspected and/or Treated

Mark Control materials used (indicated by codes from left to right)

- ☐ Food Areas
- ☐ Dining Areas
- ☐ Offices
- ☐ Public Areas
- ☐ Rest/Locker Rooms
- ☐ Display Areas
- ☐ Laundry/Boiler Room
- ☐ Storage/Utility
- ☐ Warehouse Areas
- ☐ Processing Areas
- ☐ Kitchen Rooms
- ☐ Guest Rooms
- ☐ Basements
- ☐ Roof
- ☐ Exterior Perimeter
- ☐ Landscaped Areas
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists or dust. Ventilate if overcrowded.
Dampen granules to eliminate.
Do not tamper with rodenticide placements.
Do not return to room until after ventilation.
Do not touch treated areas until dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry.

Treatments Code (T/C): G = Crack & Crevice, V = Void, G = General, S = Spot, BT = Bait, DC = Directed Contact, R = 5' Rim, SP = Space, IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

PREV BALANCE: 183.00
[illegible] AMT: 48.00
TAX CHARGE: [illegible]

TOTAL DUE: 231.00

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

SPECIAL SERVICE INSTRUCTIONS:

[illegible]ENT CONTROL ONLY CHECK 16 EXT BAIT STATION
[illegible] ARMY OFF GRONES SERVICE TICKET

CUSTOMER SIGNATURE: [illegible]

SERVICE TECHNICIAN'S SIGNATURE: [illegible]

DATE: 1-5-05

AMOUNT PAID: ☐ CASH ☐ CHECK

BRANCH COPY

LA COMMERCIAL

PAGE 01

04/19/2005 12:14 3238329545

Terminix Confidential
Production by Svc Specialist
1/06/05 To Date..... 1/06/05

Branch.....
Territory.....
Employee #.....
Service Type.....
Svc Date.....

ROVALCABA, JESUS A.

Page.....
Date.....
Time.....

1
1/06/05
9:09:27

ULAR SERVICE
RA SERVICE

TERMINIX

Regular LOCI Permit # 00011783

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	IN	TELEPHONE	GRID	S.DAC	R	T	PRODUCTION	TIME IN	TIME OUT
2025	439533	P11	(818) 252-0172	002-17	11 2FR		MT	45.00	2/11/05 9:09	10:01

SERVICE PROPERTY AT:

WASTE MANAGEMENT OF LA
9081 TUJUNGA AVE.
SUN VALLEY, CA 91352

BRANCH:

TERMINIX INTERNATIONAL
5901 EAST SLAUSON AVENUE
COMMERCE, CA 90040
(800)452-8226

OPERATOR NAME & CERTIFICATION NUMBER

JESUS A RUVALCAB RA15778

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

- ☐ German Cockroaches
- ☐ American Cockroaches
- ☐ Oriental Cockroaches
- ☐ Carpet Beetles
- ☐ Pavement Ants
- ☐ Argentine Ants
- ☐ Fire Ants
- ☐ Other Ants
- ☐ Mice
- ☐ Silverfish
- ☐ Flies
- ☐ Occasional Invaders
- ☐ Stored Product Pests
- ☐ Other
- ☐ Other

Materials

450 Insects		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		845 Rat Bait Stations	
800 Glue Traps		640 Mouse Bait Stations	
830 Snap Traps		655 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
293	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-453			
318	Advance Fire Ant Bait (Abamectin B1) 0.011%	499-370			
305	Avert Roach Bait Stations (Abamectin) 0.05%	499-407			
366	Maxforce 388B Ant Gel Bait (Borax) 3.4%	499-482			
	Boric Dust (Ortho Boric Acid) 98%	9444-129			
16	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-838			
168	TriDie Dust Dust (Silica Gel) 99% (Pyrethrins) 1.3%	499-429			
41	Control EC (Hydroprene) 0.5%	2724-851			
540	Generation Anti Bacon Bait (Difethiolone) 0.0025%	7173-218			
	Intice Granular Bait (Ortho boric Acid) 3.0%	73076-2			
42	Kicker EC (Pyrethrins) ☐ 0.03% ☐ 0.1% ☐ 0.2%	432-1145			
550	LastTox II Bait (Diphacinone) 0.105%	12455-81			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1357			
301	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1356			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1254			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
44	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-827-57079			
48	Odyssey Turf Tree, & Shrub WP (Acephate) 75%	69895-26-ZA			
350	Pro-Empir Roach Gel Bait (Imidacloprid) 2.15%	3125-395/432-1365			
151	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) 0.025% 0.05% 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
159	PT TriDie Aerosol (Silica Aerogel) 0.5% (Pyrethrins) 0.5%	499-365			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-768			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-482/432-1357			
82	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-498/432-1358			
51	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-6			
52	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
521	Vaporpatrick XT Bait (Bromadiolone) 0.005%	100-1066			

Areas Inspected and/or Treated

Pest Control materials used according to Service Ticket or list

- ☐ Public Areas
- ☐ Dining Areas
- ☐ Offices
- ☐ Public Areas
- ☐ Restroom Rooms
- ☐ Display Areas
- ☐ Laundry/Boiler Room
- ☐ Storage/Utility
- ☐ Warehouse Area
- ☐ Processing Areas
- ☐ Patient Rooms
- ☐ Guest Rooms
- ☐ Basement
- ☐ Roof
- ☑ Exterior Perimeter
- ☐ Landscaped Areas
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out. All areas of chlorine bleed dust
Trap, chlorinate, rodent, urinate, or exert excretion
Avoid breathing vapors, mists, or dusts. Harmful if swallowed
Danger: granules in sewers
Do not tamper with rodenticide placements.
Do not return to room until after ventilation
Do not touch treated surfaces until dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = Gel, S = Spot, BT = Bait, DC = Direct Contact, O = Other, NP = None in a inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = Fly

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

Prior Balance: .
Base Amt..... 45.
Tax Charge..... .

SPECIAL SERVICE INSTRUCTIONS

CONTACT: BARBARA CORTERO
CONTACT: BRUCE

CUSTOMER'S SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE — DATE 2-11-05

AMOUNT PAID — CASH — CHECK

Total Due..... 45.

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

BRANCH COPY

AL SERVICE
GULAR SERVICE
XTRA SERVICE

TERMINIX 03-05

XEGULAR LOCA

Premise # 00011/8339

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	RT	PHONE	GRID					DESCRIPTION	DATE	TIME IN	TIME OUT
7023	439210	011	(818)252-8172	002-H7	11	MT			45.00	3/11/05	10:00	10:30

SERVICE PROPERTY

WASTE MANAGEMENT OF LA
7051 TUJUNGA AVE
SUN VALLEY, CA 91352

BRANCH

TERMINIX INTERNATIONAL
5701 EAST SLAUSON AVENUE
COMMERCE, CA 90040
(800)452-8226

OPERATOR NAME & CERTIFICATION NUMBER
JESUS A RUVALCAB RA13778

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

- ☑ German Cockroaches
- ☑ American Cockroaches
- ☑ Oriental Cockroaches
- ☑ Other Cockroaches
- ☑ Pavement Ants
- ☑ Argentine Ants
- ☑ Fire Ants
- ☑ Other Ants
- ☐ Rats
- ☐ Mice
- ☐ Silverfish
- ☐ Flies
- ☑ Occasional Invaders
- ☐ Stored Product Pests
- ☐ Other
- ☐ Other

Materials

	# Used		# Used
450 Insectens		620 WINDSUP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	
890 Glue Traps		640 Mouse Bait Stations	
830 Snap Traps		655 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
250	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
296	Advance Dust Choice Ant Bait (Sulfluramid) 0.5%	499-456			
315	Advance Fire Ant Bait (Abamectin B1) 0.011%	499-370			
708	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
365	Advance 375B Ant Gel Bait (Boric) 5.4%	499-402			
	Bond Dust (Ortho Boric Acid) 99%	8444-129			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-836			
158	TriDe Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
61	Gentrol EC (Hydroprene) 0.05%	2724-351			
540	Generation Mini Blocks Bait (Difethalone) 0.0025%	7173-218			
	Jaloco Granular Bait (Orthoboric Acid) 5.0%	73276-2			
43	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	499-114E			
600	MaxTek II Bait (Disodium Salt of Diphacinone) 0.106%	12455-61			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1258			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1254			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-18/432-1259			
356	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1288			
360	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	See 05-2			
48	Niban EC (Pyrethrum) ☐ 0.015% ☐ 0.06%	11715-307-67070			
49	Orthene Turf, Tree & Shrub WP (acephate) 75%	59639-26-ZA			
320	Raid-Ensis Roach Gel Bait (Imidacloprid) 2.15%	3125-325/432-1365			
151	RT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-370			
78	RT Cy-Kick CS (Cyfluthrin) 0.025% 0.05% 0.1%	499-304			
312	RT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
68	RT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
159	RT TriDe Aerosol (Silica aerogel) 4.8% (Pyrethrins) 0.6%	499-385			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-382/432-1267			
83	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-499/432-1352			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-2			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-452/11540-1			
591	Vertebrtex XT Bait (Brodifacoum) 0.005%	100-1085			

Areas Inspected and/or Treated

Blue Circle indicates areas inspected or treated

- ☑ Food Areas 10
- ☑ Dining Areas 30
- ☐ Offices
- ☐ Public Areas
- ☐ Restroom Rooms
- ☐ Display Areas
- ☐ Laundry/Boiler Room
- ☐ Storage/Entry
- ☐ Warehouse Area
- ☐ Processing Areas
- ☐ Patient Rooms
- ☐ Guest Rooms
- ☐ Basement
- ☐ Roof
- ☐ Exterior Perimeter
- ☐ Landscaped Areas
- ☐ Loading Dock/Dumpster
- ☐ Other

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists, or dusts. Remove in Ventilated Area.
Dampen granules to activate.
Do not tamper with rodenticide placements.
Do not touch treated areas until dry.
For best results, remain off treated area for a minimum of [illegible]

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = General, S = Spot, BT = Bait, DC = Direct Contact, B = [illegible], WP = [illegible], IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Trap, BS = Bait Station, HD = Hand Duster, AS = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Passing Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

Prior Balance: 45.00
Pest Fee: 45.00
Tax Charge:
Total Due: 90.00

SPECIAL SERVICE INSTRUCTIONS

CONTACT: BARBARA JOKRIEKU
CONTACT PHONE:

CUSTOMER'S SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE

DATE 3-11-05

AMOUNT PAID

CASH

CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

BRANCH COPY

☐ INITIAL SERVICE
☐ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	RT.	TELEPHONE	GRID	S. DAY	F	T	PRODUCTION	TIME IN	TIME OUT
[illegible]	[illegible]	[illegible]						[illegible]		

SERVICE PROPERTY AT

Waste Management
10 [illegible]
San Dimas, CA 91773

BRANCH

Terminix [illegible]
1 800 [illegible]

OPERATOR NAME & CERTIFICATION NUMBER

[illegible]

SUPERVISOR NAME & CERTIFICATION NUMBER

[illegible]

Target Pests

☐ German Cockroaches ☐ Pavement Ants ☐ Rats ☐ Occasional Invaders
☐ American Cockroaches ☐ Argentine Ants ☐ Mice ☐ Stored Product Pests
☐ Oriental Cockroaches ☐ Fire Ants ☐ Silverfish ☐ Other _____
☐ Other Cockroaches ☐ Other Ants ☐ Flies ☐ Other _____

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
293	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
296	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-459			
316	Ascend Fire Ant Bait (Abamectin B1) 0.011%	499-370			
309	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
385	Advance 388B Ant Gel Bait (Boric) 5.4%	499-492			
	Boric Dust (Ortho Boric Acid) 99%	9444-129			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-838			
168	TriDie Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Control EC (Hydroprene) 0.08%	2724-351			
540	Generation Mini Blocks Bait (Difethiazone) 0.0025%	7173-218			
	Intice Granular Bait (Orthoboric Acid) 5.0%	73079-2			
43	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	432-1145			
550	LiquiTox II Bait (Disodium Salt of Diphacinone) 0.106%	12455-01			
362	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
361	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1256			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1255			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	64248-18/432-1262			
560	Niban Bait/Niban FG Bait (Orthoboric acid) 5%	64405-2			
46	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-207-57079			
49	Ornamec Turf, Tree, & Shrub WP (Acephate) 75%	59639-20-ZA			
380	Pre-Empt Roach Gel Bait (Imidacloprid) 2.15%	3125-525/432-1365			
151	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) 0.025% 0.05% 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.02%	499-410			
69	PT 565 Plus XLO Aerosol (Pyrethrins) 0.9%	499-250			
150	PT TriDie Aerosol (Silica Aerogel) 4.8% (Pyrethrins) 0.6%	499-385			
121	Suspend SC (Deltamethrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	432-768			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-382/432-1367			
83	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-488/432-1363			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-492/11540-9			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
591	Weatherblok XT Bait (Brodifacoum) 0.005%	100-1055			
[illegible]					

Materials

	# Used		# U
450 Insiders		820 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	
600 Glue Traps		640 Mouse Bait Stations	
650 Snap Traps		655 Liquid Bait Stations	

Areas Inspected and/or Treated

Pest Control Materials used indicated by codes from left left

☐ Food Areas [illegible]
☐ Dining Areas [illegible]
☐ Offices
☐ Public Areas
☐ Healthcare Rooms
☐ Display Areas
☐ Laundry/Boiler Rooms
☐ Storage/Utility
☐ Warehouse Areas
☐ Processing Areas
☐ Patient Rooms
☐ Guest Rooms
☐ Basement
☐ Roof
☐ Exterior Perimeter
☐ Landscaped Areas
☐ Loading Dock/Dumpster
☐ Other _____

Precautions

Keep out of reach of children and pets.
May cause eye, skin, throat or skin irritation.
Avoid breathing vapors, mists, or dusts. Remove if overexposed.
Dumpster products to allowable.
Do not tamper with rodenticide placements.
Do not return to room until after ventilation.
Do not touch treated areas and dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice V = Void G = General
S = Spot BT = Bait DC = Directed Contact B = B Band DP = Space
IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer T = Trap
Bas = Bait Station HD = Hand Duster A = Aerosol
BG = Bait Gun PT = Power Treatment F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

SPECIAL SERVICE INSTRUCTIONS

CUSTOMER'S SIGNATURE [illegible]

SERVICE TECHNICIAN'S SIGNATURE [illegible] DATE 3/15-05

AMOUNT PAID ☐ CASH ☐ CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

CUSTOMER'S COPY

☐ INITIAL SERVICE
☐ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	RT	TELEPHONE	GRID	S. DAY	F	T	PRODUCTION	TIME IN	TIME OUT

SERVICE PROPERTY AT

BRANCH

OPERATOR NAME & CERTIFICATION NUMBER

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

☐ German Cockroaches ☐ Fundament Ants ☐ Rats ☐ Occasional Invaders
☐ American Cockroaches ☐ Argentine Ants ☐ Mice ☐ Stored Product Pests
☐ Oriental Cockroaches ☐ Fire Ants ☐ Silverfish ☐ Other _____
☐ Other Cockroaches ☐ Other Ants ☐ Flies ☐ Other _____

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
293	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Dual Choice Ant Bait (Sulfuramid) 0.5%	499-459			
315	Accord Fire Ant Bait (Abamectin B1) 0.011%	499-370			
309	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
365	Advance 388B Ant Gel Bait (Boracx) 5.4%	499-492			
	Boro Duct (Ortho Boric Acid) 99%	9444-129			
15	Demand CS (Lambda-cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	DeltaGard G (Deltamethrin) 0.05%	432-836			
158	TriDie Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-429			
41	Gentrol EC (Hydroprene) 0.08%	2724-351			
540	Centrolex Mini Blocks Bait (Dinotefuran) 0.0025%	7173-216			
	Intice Granular Bait (Orthoboric Acid) 5.0%	73079-2			
43	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	432-1145			
550	LiquiTox II Bait (Disodium Salt of Diphacinone) 0.005%	12455-61			
352	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	64248-11/432-1257			
361	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	64248-10/432-1258			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	64248-21/432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	64248-14/432-1259			
360	Maxforce FG Insect Bait (Hydramethylnon) 1.0%	64248-19/432-1262			
360	Nipan Bait/Nipan FG Bait (Orthoboric acid) 5%	8-405-2			
48	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.03%	11715-307-57079			
49	Ornene Turf, Tree, & Shrub WP (Acephate) 75%	29639-26-ZA			
380	PreEmpt Roach Gel Bait (Imidacloprid) 2.15%	3125-425/432-1365			
151	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) 0.025% 0.05% 0.1%	499-504			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
89	PT 300 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
159	PT TriDie Aerosol (Silica Aerosol) 4.8% (Pyrethrins) 0.6%	499-385			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-482/432-1357			
83	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	3125-498/432-1363			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-450/11540-3			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-3			
501	Weathertron XT Bait (Brodifacoum) 0.005%	100-1055			
	[illegible]				

Materials

	# Used		# U
450 Insider		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		645 Rat Bait Stations	
600 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		655 Liquid Bait Stations	

Areas Inspected and/or Treated

Pest Control Materials used indicated by codes from list at left

☐ Food Areas
☐ Dining Areas
☐ Offices
☐ Public Areas
☐ Rest/Locker Rooms
☐ Display Areas
☐ Laundry/Boiler Room
☐ Storage/Utility
☐ Warehouse Area
☐ Processing Areas
☐ Patient Rooms
☐ Guest Rooms
☐ Basement
☐ Roof
☐ Exterior Perimeter
☐ Landscaped Areas
☐ Loading Dock/Dumpster
☐ Other _____

Precautions

Keep out of reach of children and pets
May cause eye, nose, throat, or skin irritation
Avoid breathing vapors, mists, or dusts. Harmful if swallowed
Dangerous granules to children
Do not tamper with rodenticide placements.
Do not return to room until after ventilation
Do not touch treated areas until dry
For flea treatments, remain off treated area for a minimum of two hours or until dry

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = General, S = Spot, BT = Bait, DC = Directed Contact, B = Band, SP = Spray, IN = Inspection

Equipment Code (E/C): CS = Comp Air Sprayer, T = Trap, BS = Bait Station, HD = Home Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments:

SPECIAL SERVICE INSTRUCTIONS

CUSTOMER'S SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE

DATE 3 [illegible]

AMOUNT PAID

CASH

CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

CUSTOMER'S COPY

☐ INITIAL SERVICE
☐ REGULAR SERVICE
☐ EXTRA SERVICE

TERMINIX

COMMERCIAL SERVICE AND INSPECTION REPORT

BRANCH	ACCOUNT	RT.	TELEPHONE	GRID	S DAY	F	T	PRODUCTION	TIME IN	TIME OUT

SERVICE PROPERTY AT

BRANCH

OPERATOR NAME & CERTIFICATION NUMBER

SUPERVISOR NAME & CERTIFICATION NUMBER

Target Pests

☐ [illegible] ☐ Pavement Ants ☐ Fleas ☐ Occasional Invaders
☐ Advanced Cockroaches ☐ Argentine Ants ☐ Mites ☐ Stored Product Pests
☐ Oriental Cockroaches ☐ Fire Ants ☐ Silverfish ☐ Other _____
☐ Other Cockroaches ☐ Other Ants ☐ Fleas ☐ Other _____

Materials	# Used		# Used
460 Insects		620 WIND-UP TRAPS	
400 Insect Monitors		610 TIN CATS	
410 Pheromone Traps		845 Rat Bait Stations	
600 Glue Traps		640 Mouse Bait Stations	
630 Snap Traps		625 Liquid Bait Stations	

Pest Control Materials Used

		EPA Reg. #	T/C	E/C	Amount
290	Advance Granular Ant Bait (Abamectin B1) 0.011%	499-370			
295	Advance Dual Choice Ant Bait (Sulfluramid) 0.5%	499-459			
315	Avenger Fire Ant Bait (Abamectin B1) 0.011%	499-370			
300	Avert Roach Bait Stations (Abamectin) 0.05%	499-467			
305	Advance 375B Ant Gel Bait (Borax) 5.4%	499-492			
	Bond Dust (Ortho Boric Acid) 99%	8444-129			
15	Demand CS (Lambda-Cyhalothrin) ☐ 0.015% ☐ 0.03% ☐ 0.06%	100-1066			
210	DeltaGard C (Deltamethrin) 0.05%	432-836			
158	TriDie Bulk Dust (Silica Gel) 40% (Pyrethrins) 1.0%	499-829			
41	Gentrol EC (Hydroprene) 0.05%	2724-351			
540	Talstar Mini Blocks Bait (Bifenthrin) 0.0025%	7173-218			
	Intice Granular Bait (Orthoboric Acid) 5.0%	7580-9-2			
43	Kicker EC (Pyrethrins) ☐ 0.05% ☐ 0.1% ☐ 0.2%	432-1745			
550	LiquiTox II Bait (Diphacinone) 0.106%	12455-81			
362	Maxforce FC Roach Bait Stations (Fipronil) 0.05%	432-1257			
351	Maxforce FC Ant Bait Stations (Fipronil) 0.01%	432-1260			
357	Maxforce FC Ant Gel Bait (Fipronil) 0.001%	432-1264			
354	Maxforce FC Roach Bait Gel (Fipronil) 0.01%	432-1259			
355	Maxforce FC Insect Bait (Hydramethylnon) 1.0%	432-1262			
360	Nibbi Bait/Nibbi FG Bait (Orthoboric acid) 5%	6445-2			
46	Nylar EC (Pyriproxyfen) ☐ 0.015% ☐ 0.02%	11715-307-57079			
49	Orthene Turf, Tree & Shrub WP (Acephate) 75%	59639-26-2A			
380	Pre-Emptr Roach Gel Bait (Imidacloprid) 2.15%	432-1365			
197	PT Cy-Kick Aerosol (Cyfluthrin) 0.1%	499-470			
70	PT Cy-Kick CS (Cyfluthrin) 0.025% ☐ 0.05% ☐ 0.1%	499-304			
312	PT Avert Gel Bait (Abamectin B1) 0.05%	499-410			
68	PT 565 Plus XLO Aerosol (Pyrethrins) 0.5%	499-290			
159	PT TriDie Aerosol (Silica Aerogel) 4.8% (Pyrethrins) 0.6%	499-365			
121	Suspend SC (Deltamethrin) ☐ 0.01% ☐ 0.03% ☐ 0.06%	432-763			
81	Tempo Ultra WP (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	432-1357			
83	Tempo SC Ultra (Cyfluthrin) ☐ 0.025% ☐ 0.05% ☐ 0.1%	432-1365			
91	ULD BP 100 ULV (Pyrethrins) 1.0%	499-452/11540-9			
92	ULD BP 300 ULV (Pyrethrins) 3.0%	499-450/11540-1			
581	Weathertech XT Bait (Brodifacoum) 0.005%	100-1050			
	[illegible]				

Areas Inspected and/or Treated

Pest Control materials used indicated by codes from list at left

☐ Food Areas
☐ Drinking Areas
☐ Offices
☐ Public Areas
☐ Rest/Locker Rooms
☐ Display Areas
☐ Laundry/Boiler Room
☐ Storage/Pantry
☐ Warehouse Area
☐ Processing Areas
☐ Patient Rooms
☐ Guest Rooms
☐ Basement
☐ Roof
☒ Exterior Perimeter
☐ Landscaped Areas
☐ Loading Dock/Dumpster
☐ Other _____

Precautions

Keep out of reach of children and pets.
May cause eye, nose, throat, or skin irritation.
Avoid breathing vapors, mists, or dusts. Harmful if swallowed.
Dangerous pesticide to animals.
Do not tamper with rodenticide placements.
Do not return to room until after ventilation.
Do not touch treated areas with dry.
For flea treatments, remain off treated area for a minimum of four hours or until dry.

Treatment Code (T/C): C = Crack & Crevice, V = Void, G = Granular, S = Spot, BT = Bait, DC = Directed Contact, B = Band, SP = Space, IN = Inspection

Equipment Code (E/C): CS = Comp. Air Sprayer, T = Tub, BS = Bait Station, HD = Hand Duster, A = Aerosol, BG = Bait Gun, PT = Power Treatment, F = ULV

Posting Service Sticker? ☐ Yes ☐ No

Supervisor's Comments.

SPECIAL SERVICE INSTRUCTIONS

CUSTOMER'S SIGNATURE

SERVICE TECHNICIAN'S SIGNATURE DATE 4-8-05

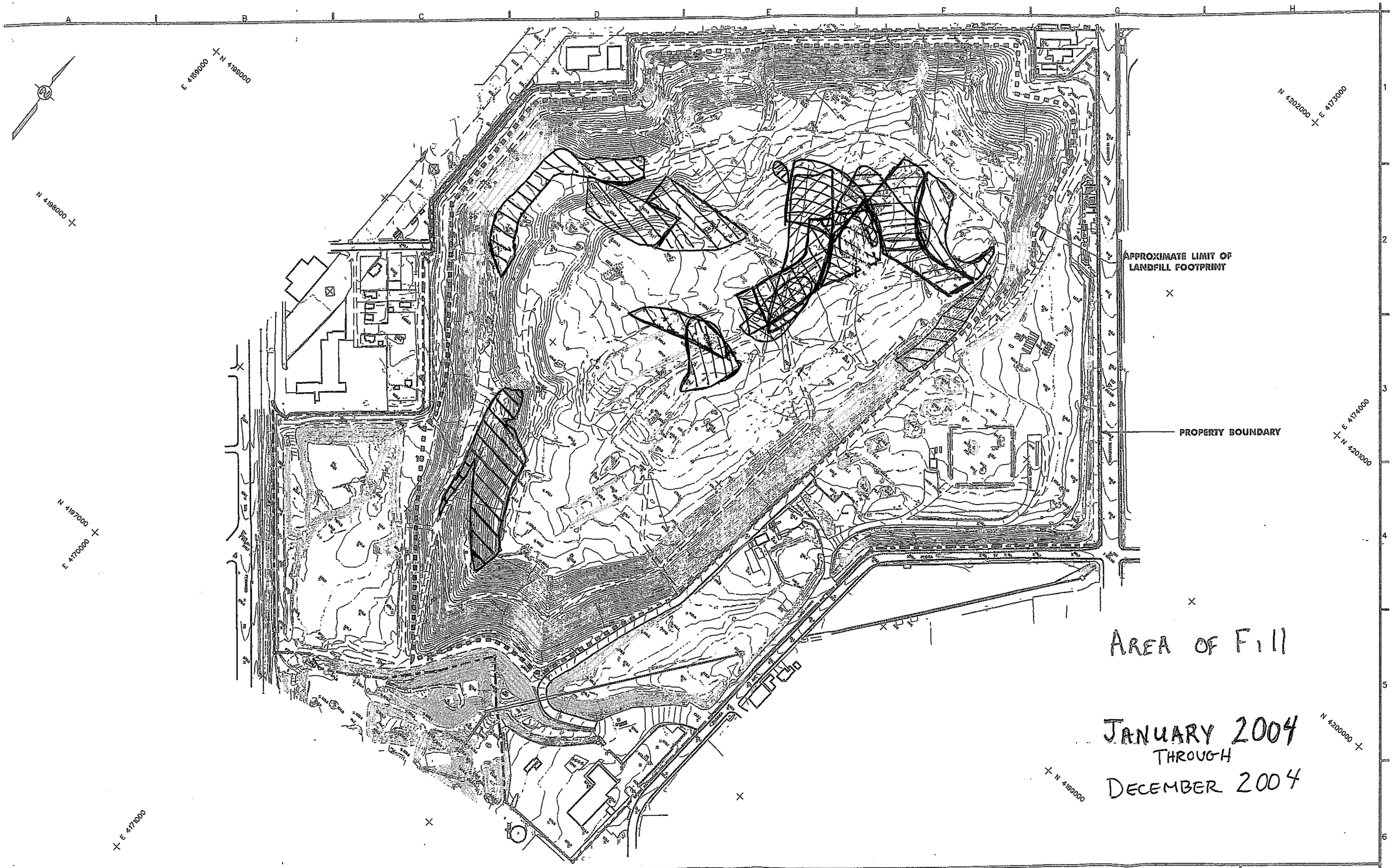
AMOUNT PAID ☐ CASH ☐ CHECK

UNRESOLVED PROBLEMS?
CALL 1-800-TERMINIX (1-800-837-6464)

CUSTOMER'S COPY

Appendix J

Figures Showing Filled Waste Areas



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Revisions

No.	Description	Date	By

Approved By: J. Workman
Checked By: J. Workman
Drawn By: Corp. CADD

Project Location:
BRADLEY LANDFILL
SUN VALLEY, CALIFORNIA

2003 TOPOGRAPHY DATED APRIL 30, 2003

Drawing No. CA29-2502-AIR-02
Scale: As Shown
Date: May 2003
Sheet Number: 2

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Revisions

No.	Description	Date	By

Approved By: J. Workman
Checked By: J. Workman
Drawn By: Corp. CADD

Project Location:
BRADLEY LANDFILL
SUN VALLEY, CALIFORNIA

2004 TOPOGRAPHY DATED APRIL 28, 2004

Drawing No. CA29-2502-AIR-02
Scale: As Shown
Date: May 2004
Sheet Number: 2

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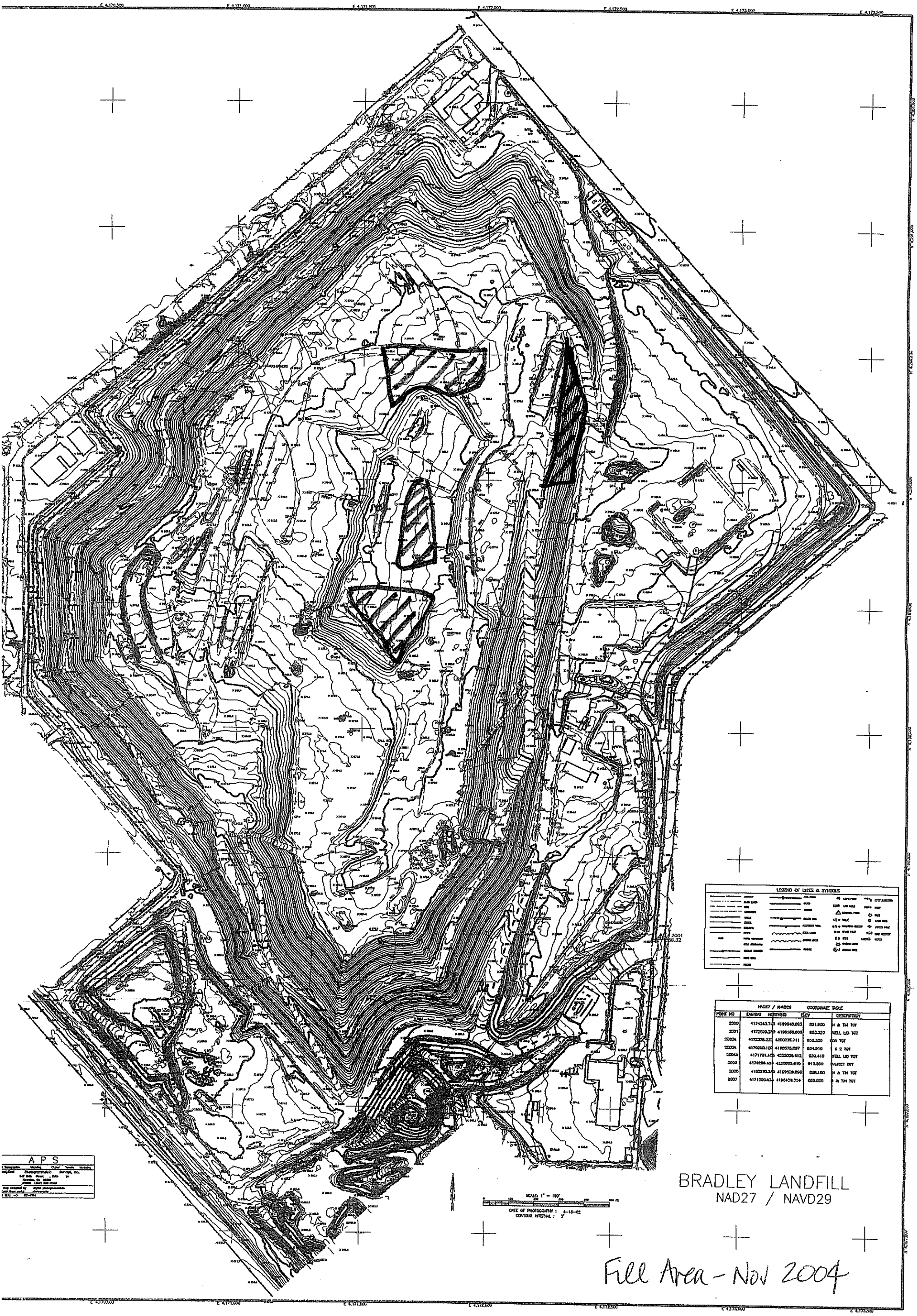
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NORTHING
ELEV
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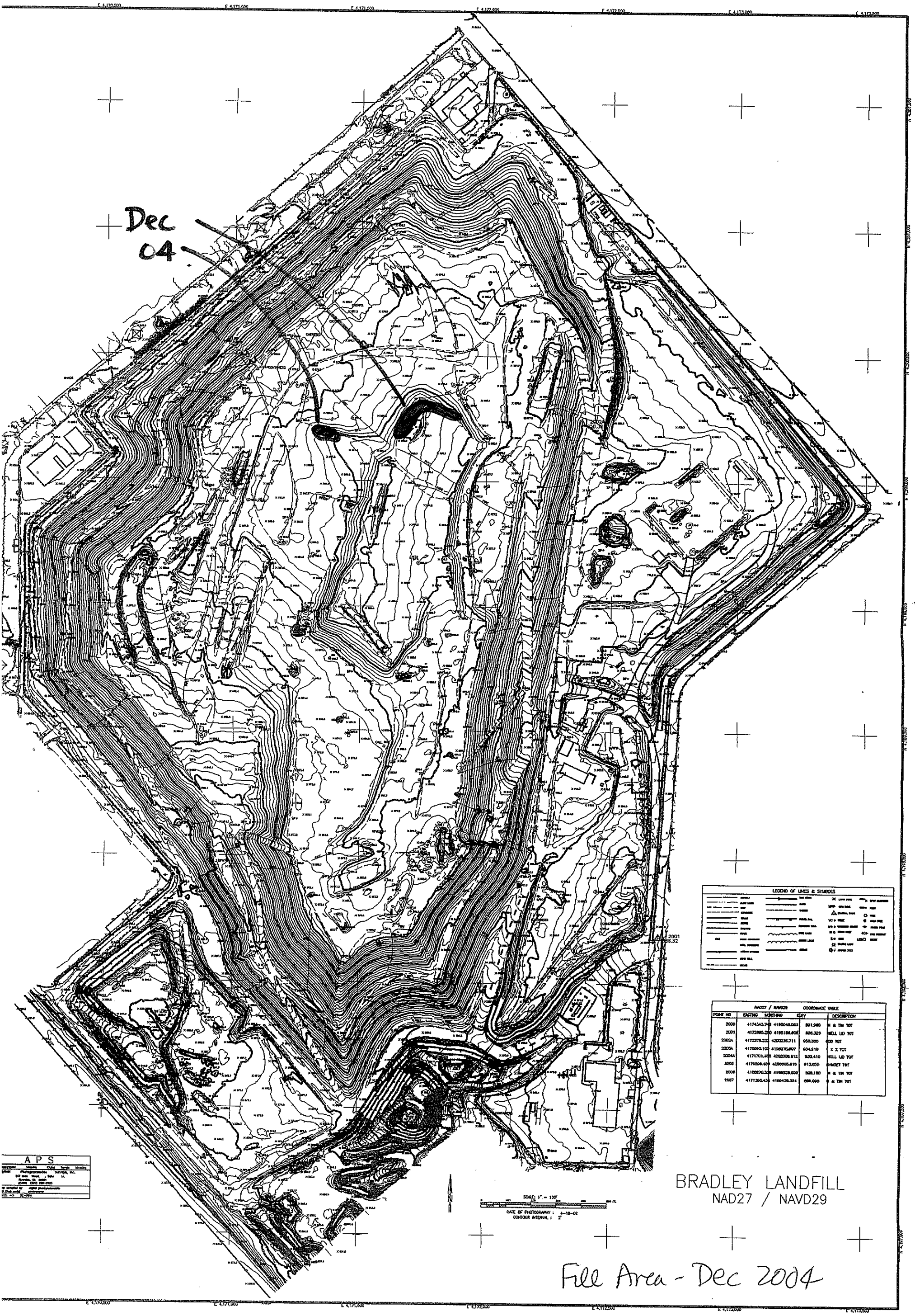
NAD27 / NAVD29
Fill Area - Nov 2004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NORTHING
ELEV
DESCRIPTION
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2002A
2003A
2004A
2005
2006
2007
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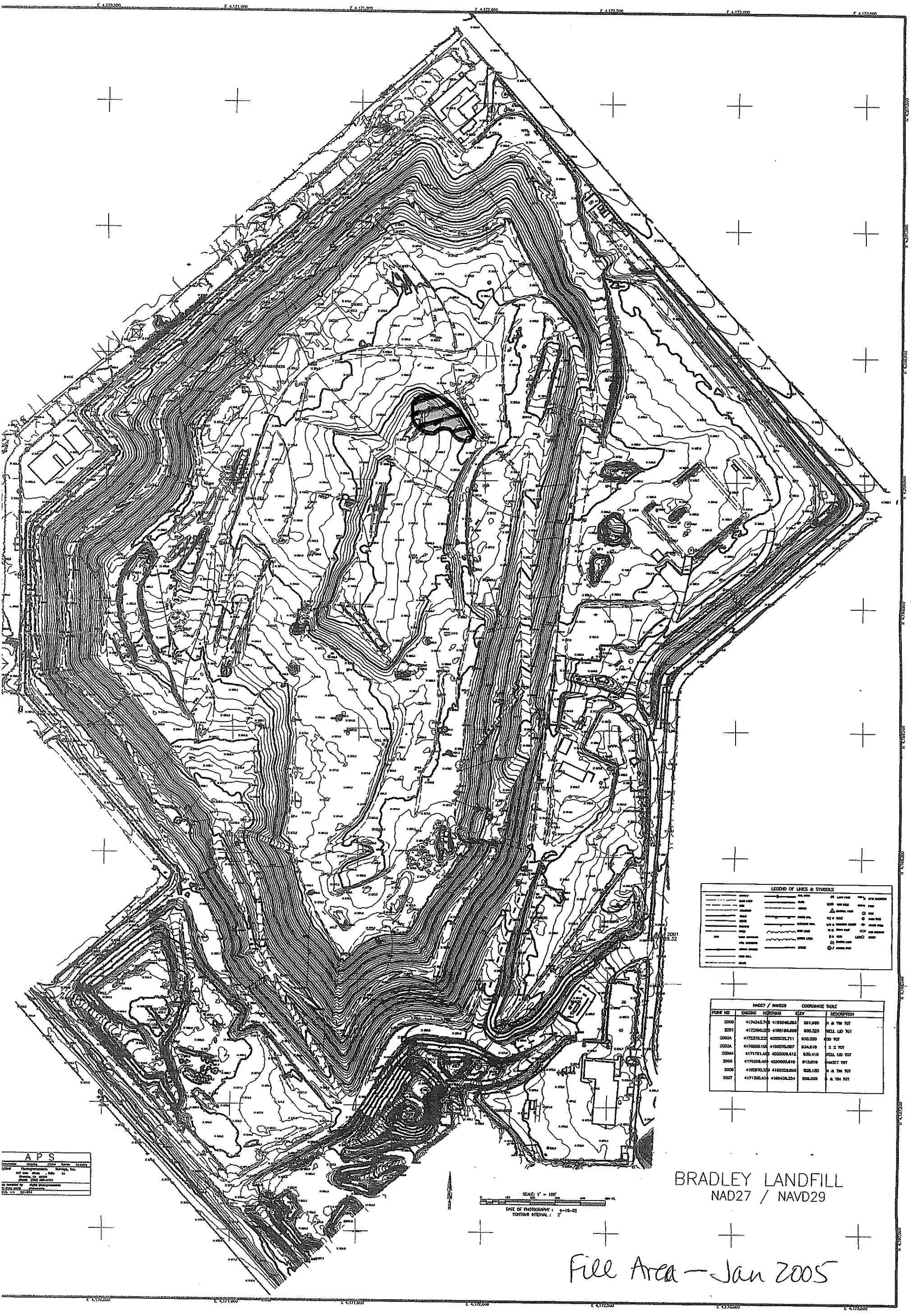
NAD27 / NAVD29
Fill Area - Dec 2004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DESCRIPTION
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2003A
2004A
2006
2007
APS
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DATE OF PHOTOGRAPHY : 4-15-02
CONTOUR INTERVAL : 2'
BRADLEY LANDFILL
NAD27 / NAVD29
Fill Area – Jan 2005

Fill Area - Feb 2005

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SCALE 1" = 400'

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Revisions

No.	Description	Date	By

Approved By: J. Workman
Checked By: J. Workman
Drawn By: Corp. CADD

Project Location:
BRADLEY LANDFILL
SUN VALLEY, CALIFORNIA

2004 TOPOGRAPHY DATED
APRIL 28, 2004

Drawing No. CA29-2502-AIR-02
Scale: As Shown
Date: May 2004
Sheet Number: 2

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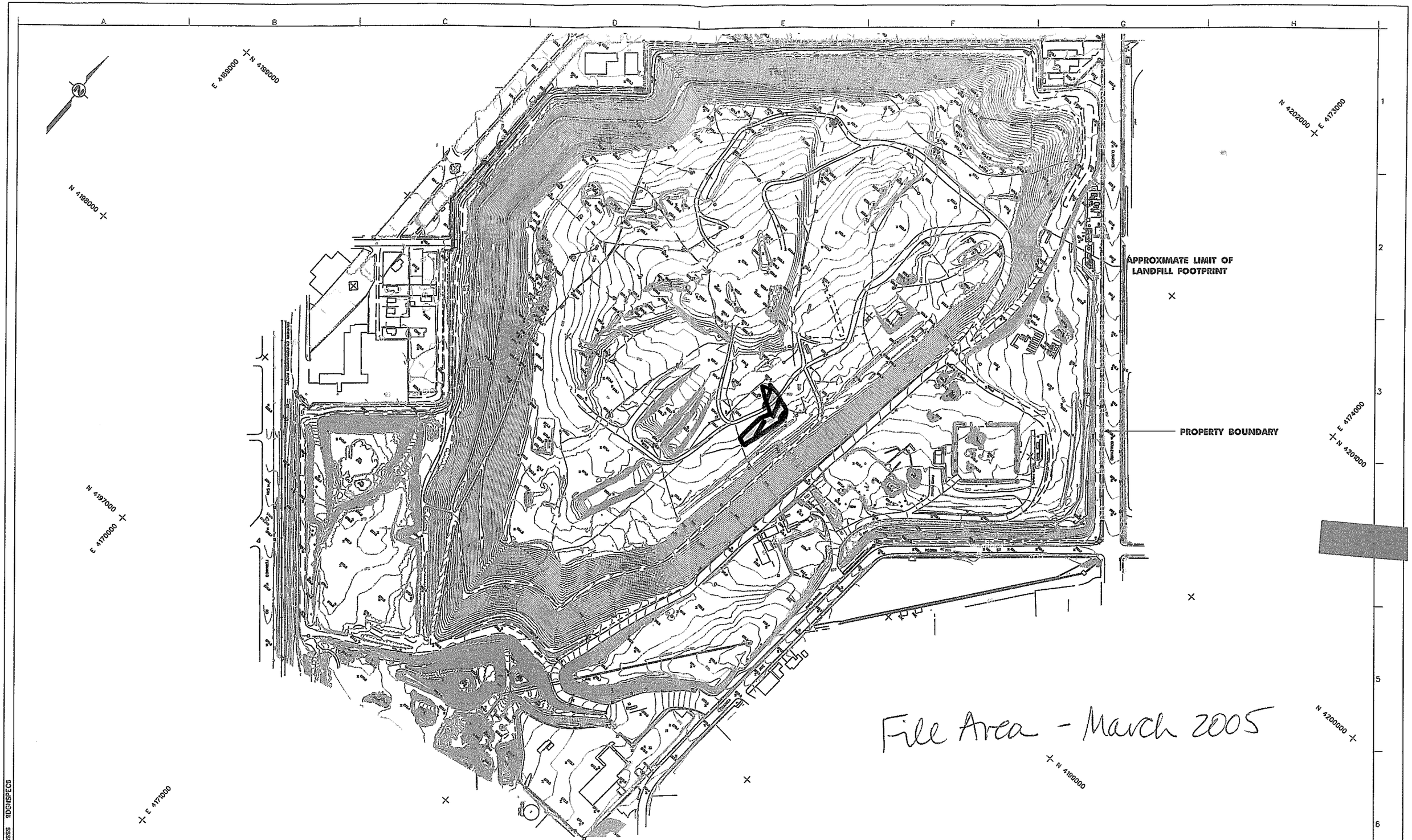

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Revisions

No.	Description	Date	By

Approved By: J. Workman
Checked By: J. Workman
Drawn By: Corp. CADD

Project Location:
BRADLEY LANDFILL
SUN VALLEY, CALIFORNIA

2004 TOPOGRAPHY DATED APRIL 28, 2004

Drawing No. CA29-2502-AIR-02
Scale: As Shown
Date: May 2004
Sheet Number: 2

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